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 Attorneys for Defendants  
 AEROFLEX, INC., AMI  
 SEMICONDUCTOR, INC., MATROX  
 ELECTRONIC SYSTEMS LTD.,  
 MATROX GRAPHICS INC., MATROX  
 INTERNATIONAL CORP., MATROX  
 TECH, INC., and AEROFLEX COLORADO  
 SPRINGS, INC.

UNITED STATES DISTRICT COURT  
 NORTHERN DISTRICT OF CALIFORNIA  
 SAN FRANCISCO DIVISION

RICOH COMPANY, LTD.,

Plaintiff,

vs.

AEROFLEX INCORPORATED, AMI  
 SEMICONDUCTOR, INC., MATROX  
 ELECTRONIC SYSTEMS LTD., MATROX  
 GRAPHICS INC., MATROX  
 INTERNATIONAL CORP., MATROX TECH,  
 INC., AND AEROFLEX COLORADO  
 SPRINGS, INC.

Defendants.

SYNOPTIS, INC.,

Plaintiff,

vs.

RICOH COMPANY, LTD.,

Defendant.

Case No. C03-04669 MJJ (EMC)

Case No. C03-02289 MJJ (EMC)

**DECLARATION OF DENISE M. DE MORY  
 ISO OF DEFENDANTS' MOTION TO  
 EXTEND TIME TO COMPLETE  
 DISCOVERY COLLECTION FROM THIRD  
 PARTIES TIMELY SERVED BEFORE  
 DISCOVERY CUTOFF DATE**

1 I, Denise M. De Mory, declare as follows:

2 1. I am a partner at the law firm of Howrey LLP, counsel for Aeroflex Incorporated,  
3 Aeroflex Colorado Springs, AMI Semiconductor, Inc., Matrox Electronic Systems, Ltd., Matrox  
4 Graphics Inc., Matrox International Corp., and Matrox Tech, Inc. (collectively, the “Customer  
5 Defendants”) and Synopsys, Inc. (“Synopsys”) in this action. The following declaration is based on  
6 my personal knowledge. If called upon to testify, I could and would competently testify to the matters  
7 set forth below.

8 2. Attached hereto as Exhibit 1 is a subpoena issued in this case to Association for  
9 Computer Machinery, Inc. (“ACM”) on May 16, 2006 for documents.

10 3. Attached hereto as Exhibit 2 is a subpoena issued in this case to Reed Exhibitions  
11 (“Reed”) on May 16, 2006 for documents.

12 4. Attached hereto as Exhibit 3 is a subpoena issued in this case to Semiconductor  
13 Research Corp. (“SRC”) on May 15, 2006 for documents and deposition.

14 5. Attached hereto as Exhibit 4 is a subpoena issued in this case to University of South  
15 Carolina (“USC”) on May 16, 2006 for documents.

16 6. Attached hereto as Exhibit 5 is a subpoena issued in this case to Zhone Technologies  
17 (“Zhone”) on May 16, 2006 for documents and deposition.

18 7. Attached hereto as Exhibit 6 is a subpoena issued in this case to Texas Instruments, Inc.  
19 (“TI”) on May 2, 2006 for documents.

20 8. Attached hereto as Exhibit 7 is a subpoena issued in this case to Texas Instruments, Inc.  
21 (“TI”) on May 15, 2006 for deposition.

22 9. Attached hereto as Exhibit 8 is a subpoena issued in this case to Motorola, Inc.  
23 (“Motorola”) on May 2, 2006 for documents.

24 10. Attached hereto as Exhibit 9 is a subpoena issued in this case to Motorola, Inc.  
25 (“Motorola”) on May 15, 2006 for deposition.

26 11. Attached hereto as Exhibit 10 is a letter from W. Clark McFadden II to Ethan B.  
27 Andelman dated May 24, 2006.

1           12. Attached hereto as Exhibit 11 is a letter from Jeffrey J. Lederman to Ethan B.  
2 Andelman, dated May 19, 2006. The other third parties at issue in this motion have also requested  
3 additional time to comply.

4           13. In March of 2006, Defendants served a comprehensive set of damages discovery  
5 document requests on Ricoh. Attached hereto as Exhibit 12 is Defendants'/Counterclaimants' Third  
6 Set of Requests for Production of Documents to Plaintiff Ricoh Company, Ltd. (Nos. 47-79), served on  
7 March 2, 2006. Ricoh served boilerplate objections, and refused to produce highly relevant  
8 documents. In particular, Ricoh indicated that it would only produce (and had already produced) final  
9 license agreements relating to the '432 patent, and would not produce drafts of correspondence. Meet  
10 and confer about Defendants' requests (as well as prior requests) was on-going when the deposition of  
11 Takahei Takada took place on April 17 and 18 in Japan. During that deposition, Mr. Takada indicated  
12 that he was not sure if Ricoh had any drafts or correspondence related to the TI agreements, and in  
13 fact, indicated that he did not believe any drafts were ever created because much of the negotiation was  
14 done orally. Defendants found this testimony to be somewhat incredulous, and followed up with  
15 Ricoh and served document subpoenas on TI and Motorola, another licensee. .

16           14. Attached hereto as Exhibit 13 is a letter from Brian A. E. Smith to Kenneth W.  
17 Brothers, dated April 20, 2006.

18           15. Ricoh's counsel responded that they "were unaware of any such documents in  
19 existence." Attached hereto as Exhibit 14 is a letter from Kenneth W. Brothers to Denise M. De Mory,  
20 dated May 5, 2006. TI, however, has produced over 500 pages of documents, and Motorola indicates  
21 that it also has responsive documents

22           16. Attached hereto as Exhibit 15 is the press release from Paradyne Corp., dated July 21,  
23 1986.

24           17. Attached hereto as Exhibit 16 is an e-mail string with Kenneth W. Brothers and Denise  
25 M. De Mory regarding the outstanding subpoenas for documents and deposition testimony.

1 18. Attached hereto as Exhibit 17 is a true and correct copy of a letter from Jaclyn Fink to  
2 George Lampl limiting the USC subpoena.

3 19. Attached hereto as Exhibit 18 is a true and correct copy of Exhibit 14 to the deposition  
4 of Dr. Kobayashi.

5 19. As evidenced by Exhibit 16, counsel for Defendants has requested counsel for Ricoh to  
6 stipulate to an extension of time to collect discovery from third parties, however counsel for Ricoh has  
7 refused to stipulate.

8 20. Counsel requests leave to obtain additional discovery of documents and deposition  
9 testimony for Association for Computing Machinery, Inc., Reed Exhibitions, Semiconductor Research  
10 Corp., University of South Carolina, Zhong Technologies, Inc., Texas Instruments, Inc., and Motorola,  
11 Inc.

12 21. Counsel served Association for Computing Machinery, Inc., Reed Exhibitions,  
13 Semiconductor Research Corp., University of South Carolina, Zhong Technologies, Inc., Texas  
14 Instruments, Inc., and Motorola, Inc. with subpoenas for documents and depositions no later than May  
15 16, 2006 and with return dates prior to the May 30, 2006 fact discovery cutoff date.

16 22. Defendants will be prejudiced in their claims of invalidity and inequitable conduct, and  
17 prejudiced in the issue of damages if Defendants are not allowed additional time to obtain discovery  
18 responses from the third parties listed above.

19 23. Discovery deadlines in this case were extended once per the parties' stipulation and the  
20 Court's November 22, 2005 order thereon. Pursuant to the November 22 order, the cutoff for fact  
21 discovery was extended from January 27, 2006 to May 30, 2006. This Court also extended Ricoh's  
22 30(b)(6) deposition deadlines for discovery on those new products ordered to be disclosed by the May  
23 8, 2006 Order. No other modifications to the discovery schedule have occurred.

24 24. The extension of time for Defendants to collect discovery from the third parties listed  
25 above will not affect any other deadlines in this case, or otherwise alter the case schedule.

26 Executed this 30<sup>th</sup> day of May, 2006, at San Francisco, California.

27  
28 /s/Denise M. De Mory  
Denise M. De Mory

# EXHIBIT 1

Issued by the  
**UNITED STATES DISTRICT COURT**  
 SOUTHERN DISTRICT OF NEW YORK

SYNOPSYS, INC.

V.  
 RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
 (Pending in the US District Court for  
 the Northern District of California)

TO: Custodian of Records, Association for Computing Machinery, Inc.  
 1515 Broadway, New York, NY 10036-5701

☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

☐ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION	DATE AND TIME
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☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):  
 SEE ATTACHMENT A

PLACE Keating & Walker, #1 Beekman Street New York, NY 10038 Telephone: (212) 964-6444	DATE AND TIME May 26, 2006 5:00 p.m. PDT
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☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME
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Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff <i>Ethan B. Andelman</i>	DATE May 16, 2006
ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER Ethan B. Andelman, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900	

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE \_\_\_\_\_ PLACE \_\_\_\_\_

SERVED:

SERVED ON (PRINT NAME) \_\_\_\_\_ MANNER OF SERVICE \_\_\_\_\_

SERVED BY (PRINT NAME) \_\_\_\_\_ TITLE \_\_\_\_\_

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_

DATE

SIGNATURE OF SERVER \_\_\_\_\_

ADDRESS OF SERVER \_\_\_\_\_

**Rule 45, Federal Rules of Civil Procedure, Parts C & D:**

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in who behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

# **ATTACHMENT A**



## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

### **DEFINITIONS**

1. The terms “you,” “your,” and “ACM” mean Association for Computing Machinery, Inc., all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with ACM and others acting on behalf of ACM.
2. The term “DAC” means the annual Design Automation Conference sponsored by IEEE in conjunction with The Institute of Electrical and Electronics Engineers, Inc, and others.
3. The term “ICCAD” means the annual International Conference on Computer-Aided Design sponsored by IEEE in conjunction with The Institute of Electrical and Electronics Engineers, Inc, and others.
4. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The word “document” includes, without limitation, printed matter, electronic mail,

materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.

5. As used herein, "person" means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

6. As used herein, "communication" includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

7. The terms "regarding, referring or relating to" and "concerning" mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;

- d. The name and organizational position of the person(s) who produced the document,
- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

1. Documents sufficient to demonstrate the attendance of Dr. Hideaki Kobayashi (formerly of International Chip Corporation and University of South Carolina) at each annual DAC and ICCAD conference from 1984-1990.

2. For each year Dr. Hideaki Kobayashi (formerly of International Chip Corporation and University of South Carolina) attended the annual DAC and/or ICCAD conference from 1984-1990 (based upon the documents produced in response to No. 1 above), all presentations, proceedings, agendas, schedules, and other material that was made available at the annual DAC and/or ICCAD conference regarding computer-aided design of integrated circuits.

# EXHIBIT 2

Issued by the  
**UNITED STATES DISTRICT COURT**

DISTRICT OF CONNECTICUT

SYNOPSYS, INC.

V.  
RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-2289 MJJ (EMC)  
Matter Pending in the U.S. District  
Court, Northern Dist. of California

TO: Reed Exhibitions  
383 Main Avenue  
Norwalk, CT 06851

- ☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

- ☐ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION	DATE AND TIME
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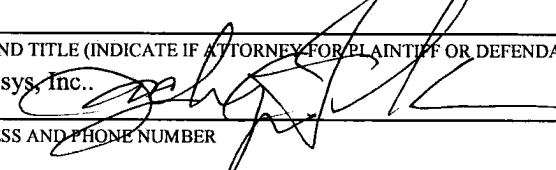
- ☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):  
SEE ATTACHMENT "A" HERETO.

PLACE All-State Legal Services 32 Eagle Rock Hill, Bethel, CT 06801, Telephone: (203) 790-7771	DATE AND TIME May 26, 2006, 10:00 a.m.
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- ☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME
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Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff Synopsys, Inc.. 	DATE May 16, 2006
ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER Jaclyn C. Fink HOWREY, LLP, 525 Market Street, Suite 3600, San Francisco, California, 94105 Telephone: (415) 848-4900	

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE \_\_\_\_\_ PLACE \_\_\_\_\_

SERVED:

SERVED ON (PRINT NAME) \_\_\_\_\_ MANNER OF SERVICE \_\_\_\_\_

SERVED BY (PRINT NAME) \_\_\_\_\_ TITLE \_\_\_\_\_

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_

DATE

SIGNATURE OF SERVER \_\_\_\_\_

ADDRESS OF SERVER \_\_\_\_\_

**Rule 45, Federal Rules of Civil Procedure, Parts C & D:**

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in who behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.



# ATTACHMENT A

## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

## **DEFINITIONS**

1. The terms “you,” “your,” and “Reed” mean Reed Exhibitions, all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Reed and others acting on behalf of Reed.
2. The term “AM86” means the 1986 Advanced Manufacturing Exposition and Conference, held in Greenville, South Carolina.
3. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The word “document” includes, without limitation, printed matter, electronic mail, materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.

4. As used herein, “person” means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

5. As used herein, “communication” includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

6. The terms “regarding, referring or relating to” and “concerning” mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;
- d. The name and organizational position of the person(s) who produced the document,

- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

1. All presentations, demonstrations, proceedings, agendas, schedules, and other material that was made available at or regarding any AM86 proceedings.
2. All photographs, videotapes, audiotapes, or other recordings of any AM86 proceedings.
3. Documents sufficient to show the attendees of AM86.
4. Documents sufficient to show the presenters and speakers at AM86.
5. All documents relating to any presentations or demonstrations made by Knowledge Based Silicon Corporation, International Chip Corporation, or Dr. Hideaki Kobayashi at AM86, including but not limited to the article attached hereto as Attachment C.
6. All documents relating to any presentations or demonstrations made relating to the Knowledge Based Silicon Compiler (KBSC) software at AM86.

# EXHIBIT 3

Issued by the  
**UNITED STATES DISTRICT COURT**  
MIDDLE DISTRICT OF NORTH CAROLINA

SYNOPTICS, INC.

V.  
RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
(Pending in the US District Court for  
the Northern District of California)

TO: Semiconductor Research Corp.  
c/o George M. Scalise  
181 Metro Drive, Ste. 450  
San Jose, CA 95110

☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION Office Suites Plus, 3737 Glenwood Avenue, Raleigh, NC Telephone: (919) 785-3100 (SEE ATTACHMENT A FOR DEPO. TOPICS)	DATE AND TIME May 30, 2006 at 9:00 a.m.
--	--

☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):  
SEE ATTACHMENT A

PLACE Allied Legal Services, #5 Meadhall Court, Durham, NC 27712 Telephone: 877-886-8807	DATE AND TIME May 26, 2006 5:00 p.m. PDT
---	---

☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME
----------	---------------

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff <i>Ethan B. Andelman</i>	DATE May 16, 2006
--	----------------------

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER  
Ethan B. Andelman, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE \_\_\_\_\_ PLACE \_\_\_\_\_

SERVED:

SERVED ON (PRINT NAME) \_\_\_\_\_ MANNER OF SERVICE \_\_\_\_\_

SERVED BY (PRINT NAME) \_\_\_\_\_ TITLE \_\_\_\_\_

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF SERVER

\_\_\_\_\_  
ADDRESS OF SERVER

Rule 45, Federal Rules of Civil Procedure, Parts C & D:

(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in whose behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

(d) DUTIES IN RESPONDING TO SUBPOENA.

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.



# **ATTACHMENT A**

## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

## **DEFINITIONS**

1. The terms “you,” “your,” “SRC” mean Semiconductor Research Corp., specifically its predecessor corporation, as well as, without limitation, all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with SRC and others acting on behalf of SRC.
2. The term “Ricoh” means Ricoh Company, Ltd., including without limitation, all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Ricoh and others acting on behalf of Ricoh.
3. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The word “document” includes, without limitation, printed matter, electronic mail,

materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.

4. As used herein, "person" means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

5. As used herein, "communication" includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

6. The terms "regarding, referring or relating to" and "concerning" mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;

- d. The name and organizational position of the person(s) who produced the document,
- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

**Request No.1:**

All documents regarding, relating or referring to meetings between representatives of International Chip Corp. (including, but not limited to Hideaki Kobayashi) and SRC, including but not limited to a meeting in or around January 1985.

**Request No. 2:**

All communications between SRC and Ricoh.

**DEPOSITION TOPICS**

1. The substance of meetings between representatives of International Chip Corp.  
(including, but not limited to Hideaki Kobayashi) and SRC, including but not limited to a meeting in or around January 1985.
2. Communications between SRC and Ricoh.

# EXHIBIT 4

Issued by the

# UNITED STATES DISTRICT COURT

DISTRICT OF SOUTH CAROLINA - COLUMBIA DIVISION

SYNOPSYS, INC.

V.

RICOH COMPANY, LTD.

## SUBPOENA IN A CIVIL CASE

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
(Pending in the US District Court for  
the Northern District of California)

TO: UNIVERSITY OF SOUTH CAROLINA  
c/o George Lampl, Esq.  
Associate General Counsel  
University of South Carolina, Columbia, SC 29208

☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY

COURTROOM

DATE AND TIME

☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION

DATE AND TIME

☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):

SEE ATTACHMENT A

PLACE National Data Access Corp.,  
2 Office Park Court, Suite 103, Columbia, SC 29223; Telephone: (800)528-8790

DATE AND TIME  
May 26, 2006, at 10:00 a.m.

☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES

DATE AND TIME

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT)  
Attorney for Plaintiff

DATE  
May 16, 2006

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER

Jaclyn C. Fink, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, California 94105, Telephone: (415) 848-4900

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.



**PROOF OF SERVICE**

DATE \_\_\_\_\_ PLACE \_\_\_\_\_

SERVED:

SERVED ON (PRINT NAME) \_\_\_\_\_ MANNER OF SERVICE \_\_\_\_\_

SERVED BY (PRINT NAME) \_\_\_\_\_ TITLE \_\_\_\_\_

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF SERVER

\_\_\_\_\_  
ADDRESS OF SERVER

Rule 45, Federal Rules of Civil Procedure, Parts C & D:

(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in who behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

(d) DUTIES IN RESPONDING TO SUBPOENA.

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

# ATTACHMENT A

## ATTACHMENT A

### I. DEFINITIONS

The definitions below are incorporated into each request.

**A. You/Your.** The terms “you,” and “your” mean, without limitation, University of South Carolina, its past and present parents, subsidiaries, affiliates, predecessors, unincorporated divisions, officers, attorneys or agents, representatives, employees, consultants and all persons acting or purporting to act on its behalf.

**B. KBSC group at the University of South Carolina.** As used herein, the term “KBSC group at the University of South Carolina” refers to the faculty members, graduate and undergraduate students, consultants and other personnel at the University of South Carolina, including without limitation the Department of Electrical and Computer Engineering and the Center for Machine Intelligence at the University, who were involved in the research and development of knowledge-based silicon compilers from 1983 to 1992 inclusive, but may continue after that time frame. On information and belief, members of this group likely included at least the following persons: Hideaki Kobayashi, James Davis, Yoshiyasu Takefuji, Stuart Anderson, Tooru Ozeki, Yoon-Pin Simon Foo, Charles Drozd, Terry Smith, Richard Ulmer, Pankaj Kukkal, Meng-Hiot Lim, David Dunn, Thomas Hersh, Frans Brinkman, Ricky Darwin, Robert D. Ferrell, Judy Bygate, and Jaymin Yon.

**C. Document.** As used herein, the term “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The term “document” shall include, without limitation, printed matter, whether printed or reproduced by any process, or written or produced by hand, electronic

mail, materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form, and whether or not claimed to be privileged, confidential or otherwise excludable from discovery.

**D. Person.** The term “person” is defined as any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

**E. Communication.** The term “communication” means the transmittal of information (in the form of facts, ideas, inquiries or otherwise).

**F. KBSC System.** The term “KBSC System” means all computer software comprising or relating to a KBSC (knowledge-based silicon compiler) system offered by International Chip Corporation, Ricoh Company, Ltd., or Knowledge Based Silicon Corporation, and any predecessor system, including executable and source codes, database files, and related files to install, compile and use the KBSC software. Such files, folders or directories may be named KBSC, BLATH, EDSIM, PSCS, CONGEN, NEPTUNE, SATURN, files of the type .aaf or .sdf, a rule base and a cell database.

**G. International Chip Corporation.** The term “International Chip Corporation,” as well as its abbreviated name (e.g., “ICC”) or a pronoun referring to the foregoing means the corporation once located in Columbia, South Carolina, and, where applicable, its officers, directors, employees, agents, independent contractors, partners, corporate parent, subsidiaries, or affiliates.

**H. Knowledge Based Silicon Corporation.** The “Knowledge Based Silicon Corporation,” as well as its abbreviated name (e.g., “KBSC”) or a pronoun referring to the foregoing means the corporation located in Columbia, South Carolina, and, where applicable, its officers, directors, employees, agents, independent contractors, partners, corporate parent, subsidiaries, or affiliates.

**I. Ricoh Company, Ltd.** The term “Rico Company, Ltd., as well as its abbreviated name (e.g., “Rico”) or a pronoun referring to the foregoing means the corporation

located at 3-6 1-chome, Nakamagome, Tokyo, Japan, and, where applicable, its officers, directors, employees, agents, independent contractors, partners, corporate parent, subsidiaries, or affiliates.

**J. '432 Patent.** As used herein, the “‘432 patent” refers to United States Letters Patent Number 4,922,432 (a copy of which is attached as Exhibit C).

**K.** The terms “regarding,” “relating to,” and “concerning” mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

**L.** Whenever the singular is used, it shall also be taken to include the plural, and vice versa. Whenever the conjunctive is used, it shall also be taken to include the disjunctive, and vice versa.

## **II. INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices. You may designate any documents and things for protection from unauthorized disclosure or use pursuant to the Protective Order governing this case (attached as Exhibit B).

2. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;
- d. The name and organizational position of the person(s) who produced the document,

- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

3. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

4. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

5. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

6. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

7. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

8. Please produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

9. These requests are continuing and impose on the University of South Carolina the obligations set forth in Rule 26(e) of the Federal Rules of Civil Procedure.

**III. DOCUMENTS AND THINGS TO BE PRODUCED****REQUEST FOR PRODUCTION NO. 1:**

All documents and things concerning the employment or tenure at the University of South Carolina of any faculty member who was a member of the KBSC group at the University of South Carolina or who otherwise contributed to development of the KBSC System, including but not limited to the dates of his or her employment or tenure; a description of the classes he or she taught; a list of the research centers and projects he or she directed; the names of the graduate students he or she supervised; any written work he or she produced during his or her employment or tenure; and any non-confidential employment agreements or contracts.

**REQUEST FOR PRODUCTION NO. 2:**

All documents and things concerning the enrollment at the University of South Carolina of any graduate or undergraduate student who was a member of the KBSC group at the University of South Carolina or who otherwise contributed to development of the KBSC System, including but not limited to the dates of his or her enrollment; a description of the classes he or she took; a description of the research projects in which he or she participated; his or her M.S. thesis and/or Ph.D. dissertation, if applicable; any other written work he or she produced during his or her enrollment; the names of the faculty members with whom he or she worked; and any non-confidential student records.

**REQUEST FOR PRODUCTION NO. 3:**

All documents and things concerning the employment or consultancy at the University of South Carolina of any person (other than a faculty member or a student) who was a member of the KBSC group at the University of South Carolina or who otherwise contributed to development of the KBSC System, including but not limited to the dates of his or her employment or consultancy; a description of the research projects in which he or she participated; the names of the faculty members with whom he or she worked; and any non-confidential employment records.

**REQUEST FOR PRODUCTION NO. 4:**

All documents and things relating to the University of South Carolina's policies and procedures concerning ownership and transfer of intellectual property rights as between the University of South Carolina and any of its faculty members, graduate or undergraduate students, employees or consultants between 1983 and 1990 inclusive.

**REQUEST FOR PRODUCTION NO. 5:**

All documents and things relating to the University of South Carolina's policies and procedures concerning the patenting or licensing of inventions and discoveries developed by its faculty members or graduate or undergraduate students between 1983 and 1990 inclusive.

**REQUEST FOR PRODUCTION NO. 6:**

All documents and things concerning agreements relating to ownership of intellectual property rights as between the University of South Carolina and any faculty member or other employee within its Department of Electrical and Computer Engineering between 1983 and 1990 inclusive.

**REQUEST FOR PRODUCTION NO. 7:**

All documents and things concerning agreements relating to ownership of intellectual property rights as between the University of South Carolina and any graduate or undergraduate student enrolled in the Department of Electrical and Computer Engineering between 1983 and 1990 inclusive.

**REQUEST FOR PRODUCTION NO. 8:**

All documents and things relating to communications between (1) any of the following persons: (a) any officer, employee, agent or representative of the University of South Carolina, (b) any person who was a member of the KBSC group at the University of South Carolina, or (c) any other person who contributed to development of the KBSC System; and (2) any of the following persons: (a) any officer, employee, agent or representative of the International Chip Corporation; (b) any officer, employee, agent or representative of Ricoh Company, Ltd., or (c) any officer, employee, agent or representative of Knowledge Based Silicon Corporation.



**REQUEST FOR PRODUCTION NO. 9:**

All documents and things relating to communications concerning the KBSC System between or among any persons falling into one or more of the following categories: (1) any officer, employee, agent or representative of the University of South Carolina, (2) any person who was a member of the KBSC group at the University of South Carolina, and (3) any other person that contributed to development of the KBSC System.

**REQUEST FOR PRODUCTION NO. 10:**

All documents and things in your possession, custody or control concerning communications relating to the '432 patent (attached as Attachment C).

**REQUEST FOR PRODUCTION NO. 11:**

All documents and things relating to a course offered by or through the Department of Electrical and Computer Engineering in the Spring 1986 semester and bearing course number ECE890B, including a list of the graduate and undergraduate students who were enrolled in that course and any written work that they submitted or produced in connection with their enrollment in that course.

**REQUEST FOR PRODUCTION NO. 12:**

All documents and things relating to any research grant, funding or stipend provided by the International Chip Corporation to (a) the University of South Carolina, or (b) any academic department (e.g., the Department of Electrical and Computer Engineering) or faculty member within the University of South Carolina, or (c) any research center (e.g., Center for Machine Intelligence) or project sponsored by the University of South Carolina.

**PROOF OF SERVICE**

I am employed in the County of San Francisco, State of California. I am over the age of 18 and not a party to the within action. My business address is 525 Market Street, Suite 3600, San Francisco, California 94105.

On May 16, 2006 I served on the interested parties in said action the within:

**SUBPOENA FOR PRODUCTION AND INSPECTION OF DOCUMENTS**

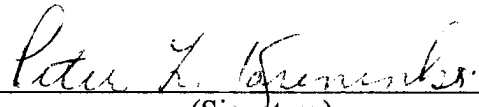
by causing said document to be sent by Electronic Mail on May 16, 2006 to the email addresses indicated for the parties listed below:

UNIVERSITY OF SOUTH CAROLINA  
c/o George Lampl, Esq.  
Associate General Counsel  
University of South Carolina  
Columbia, SC 29208

I declare under penalty of perjury that I am employed in the office of a member of the bar of this Court at whose direction the service was made and that the foregoing is true and correct.

Executed on May 16, 2006, at San Francisco, California.

Peter L. Kasenenko  
(Type or print name)

  
(Signature)

# EXHIBIT 5

Issued by the  
**UNITED STATES DISTRICT COURT**  
NORTHERN DISTRICT OF CALIFORNIA

SYNOPSIS, INC.

V.  
RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
(Pending in the US District Court for  
the Northern District of California)

TO: Zhone Technologies, Inc.  
c/o Morteza Ejabat  
7001 Oakport Street  
Oakland, CA 94621

☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION Howrey LLP, 525 Market Street, Ste. 3600, San Francisco, CA 94105 SEE TOPICS ON ATTACHMENT A	DATE AND TIME May 29, 2006 at 9:00 a.m.
---	--


☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):  
SEE ATTACHMENT A

PLACE Howrey LLP, 525 Market Street, Ste. 3600 San Francisco, CA 94105	DATE AND TIME May 26, 2006 5:00 p.m. PDT
---	---

☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff 	DATE May 15, 2006
---	----------------------

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER  
Ethan B. Andelman, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE	PLACE
SERVED:	
SERVED ON (PRINT NAME)	MANNER OF SERVICE
SERVED BY (PRINT NAME)	TITLE

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on	
DATE	SIGNATURE OF SERVER
	ADDRESS OF SERVER

**Rule 45, Federal Rules of Civil Procedure, Parts C & D:**

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in who behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

# **ATTACHMENT A**

## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

### **DEFINITIONS**

1. The terms “you,” “your,” “Zhone” and “Paradyne” mean Zhone Technologies, Inc., specifically its predecessor corporation, Paradyne Corp., and its subsidiary, Paradyne Japan Corp., as well as, without limitation, all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Zhone and/or Paradyne and others acting on behalf of Paradyne.
2. The term “Ricoh” means Ricoh Company, Ltd., including without limitation, all of its subsidiaries, parents, departments and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Zhone and/or Paradyne and others acting on behalf of Paradyne.
3. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil

Procedure. The word “document” includes, without limitation, printed matter, electronic mail, materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.

4. As used herein, “person” means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

5. As used herein, “communication” includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

6. The terms “regarding, referring or relating to” and “concerning” mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;



- d. The name and organizational position of the person(s) who produced the document,
- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

**Request No.1:**

All versions and drafts of the press release attached hereto as Attachment C.

**Request No. 2:**

All documents regarding the business relationship between Paradyne and International Chip Corp. described in the press release attached hereto as Attachment C.

**Request No. 3:**

All documents regarding the Knowledge-Based Silicon Compiler (KBSC) described in the press release attached hereto as Attachment C, including but not limited to source code and user manuals.

**Request No. 4:**

All documents regarding the sale of KBSC by Paradyne, as described in the press release attached hereto as Exhibit A, including but not limited to sales records, customer files, and marketing materials.

**Request No. 5:**

All documents regarding, relating or referring to meetings between representatives of International Chip Corp. (including, but not limited to Hideaki Kobayashi) and Paradyne, including but not limited to a meeting in or around November 1985.

**Request No. 6:**

Paradyne organizational charts from 1985-1987.

**Request No. 7:**

Documents sufficient to identify employees of Paradyne responsible for the sale of KBSC, as described in the press release attached hereto as Attachment C.

**Request No. 8:**

All documents regarding, relating or referring to communications between Paradyne and Ricoh.

**DEPOSITION TOPICS**

1. The creation of the press release attached hereto as Attachment C.
2. The business relationship between Paradyne and International Chip Corp. described in the press release attached hereto as Attachment C.
3. The sale, marketing, and use by Paradyne of the Knowledge-Based Silicon Compiler (KBSC) described in the press release attached hereto as Attachment C.
4. The identity of all sales by Paradyne of the KBSC, as described in the press release attached hereto as Attachment C, including but not limited to dates of sale and the identity of customers.
5. The substance of meetings between representatives of International Chip Corp. (including, but not limited to Hideaki Kobayashi) and Paradyne, including but not limited to a meeting in or around November 1985.
6. The identities of Paradyne personnel responsible for the sale of KBSC, as described in the press release attached hereto as Attachment C.
7. Communications between Paradyne and Ricoh.

# EXHIBIT 6

Issued by the  
**UNITED STATES DISTRICT COURT**  
 CENTRAL DISTRICT OF CALIFORNIA

SYNOPTIS, INC.

V.  
 RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
 (Pending in the US District Court for  
 the Northern District of California)

TO: Texas Instruments  
 c/o CT Corporation System  
 818 West 7th Street, Los Angeles CA 90017

- ☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY

COURTROOM

DATE AND TIME

- ☐ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION

DATE AND TIME

- ☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):

SEE ATTACHMENT A

PLACE Howrey LLP

525 Market Street, Suite 3600, San Francisco CA 94105

DATE AND TIME

May 16, 2006

- ☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES

DATE AND TIME

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT)

Attorney for Plaintiff

DATE

May 1, 2006

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER

Brian A.E. Smith, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900

*Brian A.E. Smith*

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE	PLACE
SERVED:	
SERVED ON (PRINT NAME)	MANNER OF SERVICE
SERVED BY (PRINT NAME)	TITLE

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on

DATE

SIGNATURE OF SERVER

ADDRESS OF SERVER

Rule 45, Federal Rules of Civil Procedure, Parts C &amp; D:

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in whose behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

## **DEFINITIONS**

1. The terms “you,” “your,” and “TI” mean Texas Instruments Incorporated, including without limitation all of its subsidiaries, parents, and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Texas Instruments Incorporated and others acting on behalf of Texas Instruments Incorporated.
2. “Ricoh” means Ricoh Company, Ltd.
3. The “License Agreement” referred to is Attachment C.
4. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The word “document” includes, without limitation, printed matter, electronic mail, materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.



5. As used herein, "person" means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

6. As used herein, "communication" includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

7. The terms "regarding, referring or relating to" and "concerning" mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;
- d. The name and organizational position of the person(s) who produced the document,

- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

**Request No. 1:**

All documents including all correspondence exchanged between TI and Ricoh that relate to the License Agreement or that relate to any negotiations concerning the License Agreement.

**Request No. 2:**

All drafts of the License Agreement that were exchanged with Ricoh.

**Request No. 3:**

All documents exchanged with Ricoh concerning either TI's or Ricoh's valuation of any of the patents identified in the License Agreement.

# EXHIBIT 7

Issued by the  
**UNITED STATES DISTRICT COURT**

NORTHERN DISTRICT OF CALIFORNIA

SYNOPSYS, INC.

V.  
 RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
 (Pending in the US District Court for  
 the Northern District of California)

TO: Texas Instruments Incorporated  
 c/o CT Corporation System  
 818 West 7<sup>th</sup> Street, Los Angeles CA 90017

- ☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

- ☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION (See Attachment A) Howrey LLP, 525 Market Street, Suite 3600, San Francisco, California 94105	DATE AND TIME May 23, 2006, 9:30 a.m.
--	--

- ☐ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):

PLACE	DATE AND TIME
-------	---------------

- ☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME
----------	---------------

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff <i>Brian A.E. Smith</i>	DATE May 12, 2006
---	----------------------

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER  
 Brian A.E. Smith, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

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**PROOF OF SERVICE**


---

DATE

PLACE

SERVED:

SERVED ON (PRINT NAME)

MANNER OF SERVICE

SERVED BY (PRINT NAME)

TITLE

---

**DECLARATION OF SERVER**


---

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on

DATE

SIGNATURE OF SERVER

ADDRESS OF SERVER

---

**Rule 45, Federal Rules of Civil Procedure, Parts C & D:**


---

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in who behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

**ATTACHMENT A**

**DEFINITIONS**

1. The terms “you,” “your,” and “Texas Instruments” mean Texas Instruments Incorporated, including without limitation all of its subsidiaries, parents, and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Texas Instruments Incorporated and others acting on behalf of Texas Instruments Incorporated.

2. “Ricoh” means Ricoh Company, Ltd.

3. The “License Agreement” referred to is Attachment B.

4. The terms “relating to” mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

5. “The ‘432 patent” means United States Patent Number 4,922,432.

6. “Communications” includes, without limitation, communications by whatever means transmitted (i.e. whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

7. “Agreements” means all verbal and written agreements, including, but not limited to contracts, as well as all exhibits, appendices, or attachments, supplementations, amendments, renewals, extensions, or modifications thereto.

**DEPOSITION TOPICS**

Pursuant to Fed. R. Civ. P. 30(b)(6), Texas Instruments shall produce to testify on its behalf one or more officers, directors, managing agents, or other persons, who are most qualified, knowledgeable, and competent to testify as to all matters known or reasonably available to Texas Instruments with respect to the following topics:

1. Texas Instruments’ negotiations and/or communications with Ricoh related to the License Agreement (attached as Attachment B).

2. Any negotiations and/or communications between Texas Instruments and Ricoh related to the '432 patent.
3. Any agreements entered into by Texas Instruments and Ricoh relating to the '432 patent.

Dated: May 12, 2006

HOWREY LLP

By: Brian A. E. Smith  
Brian A. E. Smith  
Attorney for Plaintiff  
SYNOPSIS, INC. and for  
Defendants AEROFLEX  
INCORPORATED, AEROFLEX  
COLORADO SPRINGS, INC., AMI  
SEMICONDUCTOR, INC.,  
MATROX ELECTRONIC  
SYSTEMS, LTD., MATROX  
GRAPHICS, INC., MATROX  
INTERNATIONAL CORP., and  
MATROX TECH, INC.



# EXHIBIT 8

Issued by the  
**UNITED STATES DISTRICT COURT**  
CENTRAL DISTRICT OF CALIFORNIA

SYNOPSYS, INC.

V.  
RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
(Pending in the US District Court for  
the Northern District of California)

TO: Motorola, Inc.  
c/o CT Corporation System  
818 West 7<sup>th</sup> Street, Los Angeles CA 90017

- ☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY

COURTROOM

DATE AND TIME

- ☐ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION

DATE AND TIME

- ☒ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):

SEE ATTACHMENT A

PLACE Howrey LLP

525 Market Street, Suite 3600, San Francisco CA 94105

DATE AND TIME

May 16, 2006

- ☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES

DATE AND TIME

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT)

Attorney for Plaintiff

DATE

May 1, 2006

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER

Brian A.E. Smith, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900

*Brian A. E. Smith*

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

**PROOF OF SERVICE**

DATE	PLACE
SERVED:	
SERVED ON (PRINT NAME)	MANNER OF SERVICE
SERVED BY (PRINT NAME)	TITLE

**DECLARATION OF SERVER**

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF SERVER

\_\_\_\_\_  
ADDRESS OF SERVER

Rule 45, Federal Rules of Civil Procedure, Parts C & D:

**(c) PROTECTION OF PERSONS SUBJECT TO SUBPOENAS.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction which may include, but is not limited to, lost earnings and reasonable attorney's fee.

(2) (A) A person commanded to produce and permit inspection and copying of designated books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial.

(B) Subject to paragraph (d) (2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3) (A) On timely motion, the court by which a subpoena was issued shall quash or modify the subpoena if it

(i) fails to allow reasonable time for compliance,

(ii) requires a person who is not a party or an officer of a party to travel to a place more than 100 miles from the place where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c) (3) (B) (iii) of this rule, such a person may in order to attend

trial be commanded to travel from any such place within the state in which the trial is held, or

(iii) requires disclosure of privileged or other protected matter and no exception or waiver applies, or

(iv) subjects a person to undue burden.

(B) If a subpoena

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

(iii) requires a person who is not a party or an officer of a party to incur substantial expense to travel more than 100 miles to attend trial, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena, or, if the party in whose behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) DUTIES IN RESPONDING TO SUBPOENA.**

(1) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(2) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

## **ATTACHMENT A**

Pursuant to Federal Rule of Civil Procedure 45 and as directed in the subpoena attached hereto, you are to produce all documents and things within the scope of the following definitions and descriptions that are within your possession, custody, or control. A Protective Order has been entered in this case by the United States District Court for the Northern District of California and is attached as Attachment B. Included in the Protective Order are provisions for the protection of confidential information produced by a third party. With respect to documents and things withheld under a claim of privilege, you are required under Rule 45 to describe the nature of the documents and things withheld in a manner sufficient to enable the demanding party to contest the claims.

### **DEFINITIONS**

1. The terms “you,” “your,” and “Motorola” mean Motorola Incorporated, including without limitation all of its subsidiaries, parents, and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Motorola Incorporated and others acting on behalf of Motorola Incorporated.
2. “Ricoh” means Ricoh Company, Ltd.
3. The “License Agreement” referred to is Attachment C.
4. As used herein, the word “document” means the original and each nonidentical copy of any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in whatever form, whether in final or draft, including but not limited to all materials that constitute “writings,” “recordings,” “photographs,” “source code” or “executable code” within the broadest meaning of Rule 1001 of the Federal Rules of Evidence and all materials that constitute “documents” within the broadest meaning of Rule 34 of the Federal Rules of Civil Procedure. The word “document” includes, without limitation, printed matter, electronic mail, materials stored on computer hard drives, diskettes, tapes, any other computer media, and any other information stored magnetically, optically or in any electronic medium and/or form.

5. As used herein, "person" means any individual, firm, partnership, corporation, proprietorship, association, governmental body, or any other organization or entity.

6. As used herein, "communication" includes, without limitation, communications by whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.

7. The terms "regarding, referring or relating to" and "concerning" mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.

### **INSTRUCTIONS**

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;
- c. The subject matter of the document;
- d. The name and organizational position of the person(s) who produced the document,

- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.

**DOCUMENT REQUESTS**

**Request No. 1:**

All documents including all correspondence exchanged between Motorola and Ricoh that relate to the License Agreement or that relate to any negotiations concerning the License Agreement.

**Request No. 2:**

All drafts of the License Agreement that were exchanged with Ricoh.

**Request No. 3:**

All documents exchanged with Ricoh concerning either Motorola's or Ricoh's valuation of any of the patents identified in the License Agreement.

# EXHIBIT 9



Issued by the  
**UNITED STATES DISTRICT COURT**

NORTHERN DISTRICT OF CALIFORNIA

SYNOPSIS, INC.

V.  
 RICOH COMPANY, LTD.

**SUBPOENA IN A CIVIL CASE**

Case Number: <sup>1</sup> C03-02289 MJJ (EMC)  
 (Pending in the US District Court for  
 the Northern District of California)

TO: Motorola, Inc.  
 c/o CT Corporation System  
 818 West 7<sup>th</sup> Street, Los Angeles CA 90017

- ☐ YOU ARE COMMANDED to appear in the United States District court at the place, date, and time specified below to testify in the above case.

PLACE OF TESTIMONY	COURTROOM
	DATE AND TIME

- ☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a deposition in the above case.

PLACE OF DEPOSITION (See Attachment A) Howrey LLP, 525 Market Street, Suite 3600, San Francisco, California 94105	DATE AND TIME May 24, 2006, 9:30 a.m.
--	--

- ☐ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or objects at the place, date, and time specified below (list documents or objects):

PLACE	DATE AND TIME
-------	---------------

- ☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES	DATE AND TIME
----------	---------------

Any organization not a party to this suit that is subpoenaed for the taking of a deposition shall designate one or more officers, directors, or managing agents, or other persons who consent to testify on its behalf, and may set forth, for each person designated, the matters on which the person will testify. Federal Rules of Civil Procedure, 30(b)(6).

ISSUING OFFICER'S SIGNATURE AND TITLE (INDICATE IF ATTORNEY FOR PLAINTIFF OR DEFENDANT) Attorney for Plaintiff	DATE May 12, 2006
---	----------------------

ISSUING OFFICER'S NAME, ADDRESS AND PHONE NUMBER  
 Brian A.E. Smith, HOWREY LLP, 525 Market Street, Suite 3600, San Francisco, CA 94105; Telephone: (415) 848-4900  
*Brian A. E. Smith*

(See Rule 45, Federal Rules of Civil Procedure, Parts C & D on next page)

<sup>1</sup> If action is pending in district other than district of issuance, state district under case number.

## **ATTACHMENT A**

### **DEFINITIONS**

1. The terms “you,” “your,” and “Motorola” mean Motorola Incorporated, including without limitation all of its subsidiaries, parents, and affiliates, and all past or present directors, officers, agents, representatives, employees, consultants, attorneys, entities acting in joint-venture or partnership relationships with Motorola Incorporated and others acting on behalf of Motorola Incorporated.
2. “Ricoh” means Ricoh Company, Ltd.
3. The “License Agreement” referred to is Attachment B.
4. The terms “relating to” mean reflecting, concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing, discussing, mentioning, embodying or computing.
5. “The ‘432 patent” means United States Patent Number 4,922,432.
6. “Communications” includes, without limitation, communications by whatever means transmitted (i.e. whether oral, written, electronic or other methods used), as well as any note, memorandum or other record thereof.
7. “Agreements” means all verbal and written agreements, including, but not limited to contracts, as well as all exhibits, appendices, or attachments, supplementations, amendments, renewals, extensions, or modifications thereto.

### **DEPOSITION TOPICS**

Pursuant to Fed. R. Civ. P. 30(b)(6), Motorola shall produce to testify on its behalf one or more officers, directors, managing agents, or other persons, who are most qualified, knowledgeable, and competent to testify as to all matters known or reasonably available to Motorola, Inc. with respect to the following topics:

1. Motorola’s negotiations and/or communications with Ricoh related to the License Agreement (attached as Attachment B).

2. Any negotiations and/or communications between Motorola and Ricoh related to the '432 patent.
3. Any agreements entered into by Motorola and Ricoh relating to the '432 patent.

Dated: May 12, 2006

HOWREY LLP

By: Brian A. E. Smith

Brian A. E. Smith  
Attorney for Plaintiff  
SYNOPSISYS, INC. and for  
Defendants AEROFLEX  
INCORPORATED, AEROFLEX  
COLORADO SPRINGS, INC., AMI  
SEMICONDUCTOR, INC.,  
MATROX ELECTRONIC  
SYSTEMS, LTD., MATROX  
GRAPHICS, INC., MATROX  
INTERNATIONAL CORP., and  
MATROX TECH, INC.

# EXHIBIT 10

**DEWEY BALLANTINE LLP**

1775 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20006-4605  
TEL 202 862-1000 FAX 202 862-1093

W. CLARK MCFADDEN II  
TEL 202 429-3333  
cmcfadden@deweyballantine.com

May 24, 2006

Mr. Ethan B. Andelman  
Howrey LLP  
525 Market Street  
Suite 3600  
San Francisco, CA 94105

Dear Mr. Andelman:

On behalf of the Semiconductor Research Corporation, I am responding to you with respect to the subpoena in civil case no. C03-02289 MJJ (EMC), pending in the United State District Court for the Northern District of California.

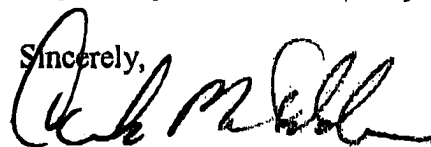
Based upon a reasonable inquiry, it appears that Dr. Ralph Cavin is the only person employed by the Semiconductor Research Corporation who has any knowledge relating to the substance of the documents requested or the deposition topics identified in the subpoena. SRC is prepared to make Dr. Cavin available to be deposed. However, Dr. Cavin is scheduled to be in Europe for a speaking engagement the week of May 29th and hence is unavailable at the time specified in the subpoena. He would be available, however, on Friday morning, May 26th or the week beginning June 5, 2006 at SRC offices in Research Triangle Park, North Carolina.

SRC has begun a search for the documents requested in the subpoena and believes that some of such documents, which are on microfiche, can be produced by Thursday, May 25, 2006. Any additional documentation will be subject to a continuing search of both SRC premises and off-site storage. Such a search cannot be reasonably be completed before June 9, 2006.

Please let me know how you would like to proceed under these circumstances so that the court can be informed of the arrangements and SRC's compliance with the subpoena.

If you have any questions or comments, you may contact me directly.

Sincerely,



W. Clark McFadden II

EXPORT COUNTRIES			
<b>ARGENTINA</b>	<b>BELARUS</b>	<b>BELGIUM</b>	<b>BULGARIA</b>
TEL: +54 11 4382 4000	TEL: +375 212 23 23 23	TEL: +32 2 736 10 00	TEL: +359 2 94 40 00
FAX: +54 11 4382 4000	FAX: +375 212 23 23 23	FAX: +32 2 736 10 00	FAX: +359 2 94 40 00
<b>CHINA</b>	<b>HUNGARY</b>	<b>ITALY</b>	<b>ROMANIA</b>
TEL: +86 21 62 10 00	TEL: +36 1 46 10 00	TEL: +39 06 47 10 00	TEL: +40 21 46 10 00
FAX: +86 21 62 10 00	FAX: +36 1 46 10 00	FAX: +39 06 47 10 00	FAX: +40 21 46 10 00
<b>INDONESIA</b>	<b>NETHERLANDS</b>	<b>SPAIN</b>	<b>UKRAINE</b>
TEL: +62 21 62 10 00	TEL: +31 20 46 10 00	TEL: +34 91 46 10 00	TEL: +380 44 46 10 00
FAX: +62 21 62 10 00	FAX: +31 20 46 10 00	FAX: +34 91 46 10 00	FAX: +380 44 46 10 00
<b>RUSSIA</b>	<b>UNITED STATES</b>	<b>FRANCE</b>	<b>GERMANY</b>
TEL: +7 495 46 10 00	TEL: +1 212 46 10 00	TEL: +33 1 46 10 00	TEL: +49 30 46 10 00
FAX: +7 495 46 10 00	FAX: +1 212 46 10 00	FAX: +33 1 46 10 00	FAX: +49 30 46 10 00

# EXHIBIT 11

## WINSTON & STRAWN LLP

35 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60601-9703

43 RUE DU RHONE  
1204 GENEVA, SWITZERLAND

BUCKLESBURY HOUSE  
3 QUEEN VICTORIA STREET  
LONDON, EC4N 8NH

101 CALIFORNIA STREET  
SAN FRANCISCO, CALIFORNIA 94111-5894

(415) 591-1000

FACSIMILE (415) 591-1400

[www.winston.com](http://www.winston.com)

333 SOUTH GRAND AVENUE  
LOS ANGELES, CALIFORNIA 90071-1543

200 PARK AVENUE  
NEW YORK, NEW YORK 10166-4193

21 AVENUE VICTOR HUGO  
75116 PARIS, FRANCE

1400 L STREET, N.W.  
WASHINGTON, D.C. 20005-3502

JEFFREY J. LEDERMAN  
(415) 591-1517  
[jlederman@winston.com](mailto:jlederman@winston.com)

May 19, 2006

**VIA FACSIMILE (415) 848-4999**

Ethan B. Andelman  
HOWREY LLP  
525 Market Street, Suite 3600  
San Francisco, CA 94105

**Re: Synopsys, Inc.'s subpoenas to Zhone Technologies, Inc. and  
Paradyne Corp.**

Dear Mr. Andelman:

Winston & Strawn represents Zhone Technologies, Inc. ("Zhone") and Paradyne Corporation ("Paradyne") in connection with the subpoenas that you served on those entities on May 15, 2006, on behalf of Synopsys, Inc. ("Synopsys"). Our clients have received two identical subpoenas: one issued to Zhone from the United States District Courts for the Northern District of California, and one issued to Paradyne from the United States District Court for the Middle District of Florida.

No doubt you are aware that Zhone and Paradyne are related companies. Zhone will respond to the subpoena issued from the Northern District of California on behalf of itself and Paradyne, based on an understanding that you will withdraw the subpoena issued to Paradyne from the Middle District of Florida. Please confirm in writing that Synopsys will do so. Documents and a witness, if any, will be produced in California.

In addition, the subpoena to Zhone requests production of documents on May 26, 2006, and a deponent on May 29, 2006, an unrealistically short period of time. The subpoena requests information about the creation and subject matter of a press release issued twenty years ago in July of 1986. Zhone requests through June 30, 2006, to produce responsive documents, if it is able to locate any, and to produce a witness in late July on a date to be agreed upon. Again, please confirm these extensions in writing immediately.

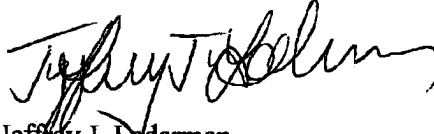


**WINSTON & STRAWN LLP**

Ethan B. Andelman  
May 19, 2006  
Page 2

As soon as we have your written confirmation to the foregoing, so that we will not need to seek court orders in California and Florida in that regard, we can turn to the substance of responding to the subpoenas. In the meantime, this letter is provided with all of Zhone's and Paradyne's rights and objections reserved.

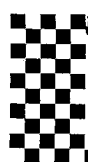
Cordially,



Jeffrey J. Lederman

cc: Client

Kenneth W. Brothers  
Dickstein Shapiro Morin & Oshinsky LLP  
2101 L Street N.W.  
Washington, D.C. 20037



# FAX

**To: Ethan B. Andelman**  
Company: HOWREY LLP  
Fax: 14158484999  
Phone: (415) 848-4900

**From:**  
Fax:  
Phone:  
E-mail:

---

**NOTES:**

---

**Date and time of transmission:** Friday, May 19, 2006 4:12:02 PM  
**Number of pages including this cover sheet:** 03

# EXHIBIT 12

1 Teresa M. Corbin (SBN 132360)  
 Denise M. De Mory (SBN 168076)  
 2 Karin Kramer (SBN 87346)  
 Jaclyn C. Fink (SBN 217913)  
 3 HOWREY LLP  
 525 Market Street, Suite 3600  
 4 San Francisco, California 94105  
 Telephone: (415) 848-4900  
 5 Facsimile: (415) 848-4999

6 Attorneys for Defendants AEROFLEX INCORPORATED,  
 AEROFLEX COLORADO SPRINGS, INC., AMI  
 7 SEMICONDUCTOR, INC., MATROX ELECTRONIC  
 SYSTEMS, LTD., MATROX GRAPHICS INC., MATROX  
 8 INTERNATIONAL CORP., and MATROX TECH, INC.

9 UNITED STATES DISTRICT COURT  
 10 NORTHERN DISTRICT OF CALIFORNIA  
 11 SAN FRANCISCO DIVISION

12 RICOH COMPANY, LTD.,

13 Plaintiff,

14 vs.

15 AEROFLEX INCORPORATED, AMI  
 16 SEMICONDUCTOR, INC., MATROX  
 ELECTRONIC SYSTEMS LTD., MATROX  
 17 GRAPHICS INC., MATROX  
 INTERNATIONAL CORP., MATROX TECH,  
 18 INC., AND AEROFLEX COLORADO  
 SPRINGS, INC.

19 Defendants.

20 SYNOPSYS, INC.,

21 Plaintiff,

22 vs.

23 RICOH COMPANY, LTD.,

24 Defendant.

Case No. C03-04669 MJJ (EMC)

Case No. C03-02289 MJJ (EMC)

**DEFENDANTS'/COUNTERCLAIMANTS'  
 THIRD SET OF REQUESTS FOR  
 PRODUCTION OF DOCUMENTS TO  
 PLAINTIFF RICOH COMPANY LTD.  
 (Nos. 47 - 79)**

26 **PROPOUNDING PARTY: DEFENDANTS AEROFLEX INCORPORATED, AMI**  
 27 **SEMICONDUCTOR, INC., MATROX ELECTRONIC**  
 28 **SYSTEMS, LTD., MATROX GRAPHICS INC., MATROX**  
**INTERNATIONAL CORP. and MATROX TECH, INC.**

HOWREY LLP

Case Nos. C-03-2289 (MJJ) and C-03-4669 (MJJ)  
 DEFS/COUNTERCLAIMANTS' THIRD SET OF REQUESTS FOR  
 PRODUCTION OF DOCUMENTS TO PLAINTIFF

1 **RESPONDING PARTY: RICOH COMPANY LTD.**

2 **SET NO.: THREE (3)**

3 Pursuant to Rules 26 and 34 of the Federal Rules of Civil Procedure, defendants/  
4 counterclaimants AEROFLEX INCORPORATED, AMI SEMICONDUCTOR, INC., MATROX  
5 ELECTRONIC SYSTEMS, LTD., MATROX GRAPHICS INC., MATROX INTERNATIONAL  
6 CORP. and MATROX TECH, INC. ("Defendants") hereby request that Ricoh Company, Ltd. respond  
7 to this request within thirty (30) days from the date of service hereof, through their counsel of record,  
8 and produce for inspection and copying the designated documents at the offices of Howrey, LLP, 525  
9 Market Street Suite 3600, San Francisco, CA 94105, at the time of response.

10 **I. DEFINITIONS**

11 The definitions below are incorporated into each interrogatory.

12 A. The terms "Ricoh," "Plaintiff," "you," and "your" mean, without limitation, Ricoh  
13 Company Ltd., its past and present parents, subsidiaries, affiliates, predecessors, unincorporated  
14 divisions, officers, attorneys or agents, representatives, employees, consultants and all persons acting  
15 or purporting to act on its behalf. This definition includes Ricoh's predecessors in interest in the '432  
16 patent, International Chip Corporation and Knowledge Based Silicon Corporation.

17 B. The term "Aeroflex" refers, without limitation, to Aeroflex Incorporated, all  
18 subsidiaries, affiliates, predecessors, unincorporated divisions and all its officers, employees, attorneys,  
19 agents, representatives and all persons acting or purporting to act on its behalf.

20 C. The terms "AMIS" refers, without limitation, to AMI Semiconductor, Inc., all  
21 subsidiaries, affiliates, predecessors, unincorporated divisions and all its officers, employees, attorneys,  
22 agents, representatives and all persons acting or purporting to act on its behalf.

23 D. The terms "Matrox" refers, without limitation, to Matrox Electronic Systems, Ltd.,  
24 Matrox Graphics, Inc., Matrox International Corp., and Matrox Tech, Inc., all subsidiaries, affiliates,  
25 predecessors, unincorporated divisions and all its officers, employees, attorneys, agents,  
26 representatives and all persons acting or purporting to act on its behalf.

27 E. The term Defendants refers to Aeroflex, AMIS, and Matrox.

28

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1 F. As used herein, "subsidiary" means a business enterprise, the operations of which are  
2 subject to Plaintiff's or Defendants' control through whole or partial stock ownership.

3 G. As used herein, "affiliate" means a company effectively controlled by another but  
4 associated with Plaintiff or Defendants under common control, whether direct or indirect.

5 H. As used herein, the word "document" means the original and each nonidentical copy of  
6 any written, printed, typed, recorded, computerized, electronic, taped, graphic, or other matter, in  
7 whatever form, whether in final or draft, including but not limited to all materials that constitute  
8 "writings" or "recordings" or "photographs" within the broadest meaning of Rule 1001 of the Federal  
9 Rules of Evidence and all materials that constitute "documents" within the broadest meaning of Rule  
10 34 of the Federal Rules of Civil Procedure. The word "document" includes, without limitation, printed  
11 matter, electronic mail, materials stored on computer hard drives, diskettes, tapes, any other computer  
12 media, and any other information stored magnetically or electronically.

13 I. Documents to be identified shall include both documents in your possession, custody  
14 and control, and all other documents of which you have knowledge. If you claim that any document  
15 was, but is no longer, in your possession or subject to your control, state what disposition was made of  
16 such document and when.

17 J. As used herein, "person" means any individual, firm, partnership, corporation,  
18 proprietorship, association, governmental body, or any other organization or entity.

19 K. As used herein, "communication" includes, without limitation, communications by  
20 whatever means transmitted (i.e., whether oral, written, electronic or other methods used), as well as  
21 any note, memorandum or other record thereof.

22 L. The terms "regarding", "referring", "related to", and "concerning" mean reflecting,  
23 concerning, containing, pertaining, referring, relating to, indicating, showing, describing, evidencing,  
24 discussing, mentioning, embodying or computing.

25 M. Whenever the singular is used, it shall also be taken to include the plural, and vice  
26 versa. Whenever the conjunctive is used, it shall also be taken to include the disjunctive, and vice  
27 versa.

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HOWREY LLP

N. The term "prior art," is used herein in the same sense as that term is used in 35 U.S.C. § 103, and includes any patent, printed publication, prior knowledge, prior use, prior sale or offer of sale or other act or event defined in 35 U.S.C. § 102, taken singly or in combination.

O. As used herein, the term "Patent" or "Kobyashi Patents" means, individually, collectively, or in any combination, any patents or patent applications originating from United States Patent Application Number 143,821, filed on January 13, 1988, or any continuation of this application or any foreign counterpart to such patents. Such patents include, but are not limited to, United States Patent Number. 4,922,432 (the "432 patent"), entitled "Knowledge Based Method and Apparatus For Designing Integrated Circuits Using Functional Specifications."

P. As used herein, "continuation" includes any divisional, continuation-in-part, reissue, and continued prosecution applications.

Q. As used herein, "PTO" means the United States Patent & Trademark Office.

## II. INSTRUCTIONS

The following instructions apply to each of the requests for documents set forth herein:

1. Please produce entire documents, including, but not limited to, attachments, enclosures, cover letters, memoranda, and appendices.

2. Pursuant to Rule 26(e) of the Federal Rules of Civil Procedure, these requests for documents shall be deemed continuous up to and following the trial of this proceeding such that any documents or things requested herein which is either discovered by you or comes within your possession, custody or control subsequent to your initial responses hereto but prior to the final conclusion of this case should be produced in a supplemental response to these Document Requests immediately upon its discovery or receipt by you or your counsel.

3. If any document is withheld under a claim of privilege, in order that the Court and the parties may determine the validity of the claim of privilege, please provide a privilege log identifying each document withheld, including:

- a. The type of document;
- b. The approximate date, and manner of recording, creating or otherwise preparing the document;

- c. The subject matter of the document;
- d. The name and organizational position of the person(s) who produced the document;
- e. The name and organizational position of the person(s) who received a copy of the document, or to whom the document was disclosed; and
- f. The claimed grounds on which the document is being withheld and facts sufficient to show the basis for each claim of privilege.

4. If you object to any part of a request for documents and refuse to produce documents responsive to that part, state your objection and respond to the remaining portion of that request. If you object to the scope or time period of a request for documents, state your objection and respond to the request for documents for the scope or time period you believe is appropriate.

5. Please produce all documents in the order in which they are kept in the ordinary course of business, and in their original file folders, binders, covers or containers, or facsimile thereof.

6. Any document bearing any changes, including, but not limited to, markings, handwritten notation, or other differences, that are not a part of the original text, or any reproduction thereof, is to be considered a separate document for purposes of responding to the following document requests. English translations of partial translations of foreign language documents should also be considered separate documents.

7. If a requested document is in a language other than English, please produce both the original and any existing English translation thereof.

8. If any of the following requests for documents cannot be responded to in full after exercising due diligence to secure the requested documents, please so state and respond to the extent possible, specifying your inability to respond to the remainder and stating whatever information you have regarding, referring or relating to the unanswered portions. If your response is qualified in any particular manner, set forth the details of such qualification.

9. Please produce hard copies of electronic records or produce computerized information in an intelligible format with a description of the system from which it was derived sufficient to permit rendering the materials intelligible.



1 **III. REQUEST FOR DOCUMENTS AND THINGS**

2 **REQUEST FOR PRODUCTION NO. 47:**

3 All documents related to authorizing use of the Patent, including but not limited to license  
4 agreements, drafts of license agreements, documents related to license agreements, and all other  
5 documents related to a possible transfer or potential transfer of any right or interest in the Patent.

6 **REQUEST FOR PRODUCTION NO. 48:**

7 All documents related to royalties, whether received, expected, or possible, as a result of any  
8 transfer, licensing or litigating related to the Patent.

9 **REQUEST FOR PRODUCTION NO. 49:**

10 All documents showing royalties or other compensation paid by Ricoh to others that relate to  
11 the process for designing an ASIC, the process for creating a mask, or the process for creating an  
12 ASIC.

13 **REQUEST FOR PRODUCTION NO. 50:**

14 All licenses or documents related to royalties paid by Ricoh to others that relate to the process  
15 for designing an ASIC, the process for creating a mask, or the process for creating an ASIC.

16 **REQUEST FOR PRODUCTION NO. 51:**

17 All documents related to Ricoh's licensing policies or practices.

18 **REQUEST FOR PRODUCTION NO. 52:**

19 All documents related to Ricoh's document retention policies.

20 **REQUEST FOR PRODUCTION NO. 53:**

21 All documents related to any refusal or other decision not to take a license for the Patent.

22 **REQUEST FOR PRODUCTION NO. 54:**

23 All documents related to any value of the Patent including but not limited to forecasts of  
24 royalty payments, and/or values of any portfolio of Ricoh patents including the Patent, and/or values  
25 associated with products embodying the technology of the Patent.

26 **REQUEST FOR PRODUCTION NO. 55:**

27 All documents related to prior litigation associated with the Patent including but not limited to  
28 all documents regarding threats of litigation, all complaints, cross-complaints, or counterclaims,

1 whether filed or not, all settlement agreements associated with the Patent, and all royalty payments or  
2 compensation provided as a result of litigation.

3 **REQUEST FOR PRODUCTION NO. 56:**

4 All documents related to attempts to obtain private or public funding, including but not limited  
5 to presentations to potential investors or funders, and minutes of meetings with or concerning potential  
6 funders or investors.

7 **REQUEST FOR PRODUCTION NO. 57:**

8 All documents related to the market potential for products embodying or created from the  
9 Patent, including but not limited to forecasts of profit (gross, net, EBIT), revenue (gross, net), costs  
10 (cost of goods sold, SG&A, operating costs, R&D costs), or any other financial measure.

11 **REQUEST FOR PRODUCTION NO. 58:**

12 All documents related to the costs to create the Patent.

13 **REQUEST FOR PRODUCTION NO. 59:**

14 For all Ricoh products practicing the Patent, all documents showing sales of those products, all  
15 licenses associated with those products, all costs associated with the creation and sale of those  
16 products.

17 **REQUEST FOR PRODUCTION NO. 60:**

18 All documents sufficient to show companies making, using, or selling products which embody  
19 the Patent.

20 **REQUEST FOR PRODUCTION NO. 61:**

21 All documents related to demand for products embodying the Patent, including also documents  
22 addressing or related to demand for products embodying the Patent compared to the demand for  
23 competing products not using the teachings of the Patent.

24 **REQUEST FOR PRODUCTION NO. 62:**

25 All documents related to the existence of non-infringing alternatives for the processes outlined  
26 in the Patent.

27

28

1 **REQUEST FOR PRODUCTION NO. 63:**

2 Documents related to whether Ricoh had the capacity to create the products that Ricoh contends  
3 infringe the Patent and were created by Defendants.

4 **REQUEST FOR PRODUCTION NO. 64:**

5 All documents related to any impact on Ricoh of the alleged infringement including but not  
6 limited to price reductions, lost profit, decline in demand, or increased expense.

7 **REQUEST FOR PRODUCTION NO. 65:**

8 All documents related to the existence of any companies, other than defendants herein, and  
9 products, other than those made by defendants herein, that Ricoh considers to infringe the Patent.

10 **REQUEST FOR PRODUCTION NO. 66:**

11 All documents related to the commercial relationship between Ricoh and Synopsys and/or  
12 Defendants including but not limited to all correspondence, sales transactions, and meetings.

13 **REQUEST FOR PRODUCTION NO. 67:**

14 All documents related to royalty rates for the technology associated with the Patent.

15 **REQUEST FOR PRODUCTION NO. 68:**

16 All documents related to Ricoh's sales and marketing of products embodying the Patent,  
17 including but not limited to advertisements, directed advertisements, minutes of meetings involving  
18 sales pitches, internal correspondence, press releases, and drafts of marketing material.

19 **REQUEST FOR PRODUCTION NO. 69:**

20 All documents related to Ricoh's sales (units sold, price, cost of goods sold, operating costs),  
21 on a transactional level, of products embodying the Patent.

22 **REQUEST FOR PRODUCTION NO. 70:**

23 All documents related to the commercial success of products embodying the Patent or the  
24 commercial success of the Patent.

25 **REQUEST FOR PRODUCTION NO. 71:**

26 All documents related to competitive intelligence associated with products that compete with  
27 products sold by Ricoh and/or Synopsys, and/or Defendants including but not limited to analyst  
28 reports, sales databases and third party research reports.

**REQUEST FOR PRODUCTION NO. 72:**

All documents including annual financial reports, quarterly reports, monthly reports, all sales forecast, profit forecasts, and business plans, executive meeting minutes and presentations for Ricoh, for Ricoh's departments which sell products embodying the Patent, and for the departments which license the Patent or products embodying the Patent.

**REQUEST FOR PRODUCTION NO. 73:**

All documents related to the market and market share for products embodying the Patent or embodying a non-infringing substitute for the Patent.

**REQUEST FOR PRODUCTION NO. 74:**

Documents sufficient to show the corporate and organizational structure of Ricoh, including but not limited to documents showing departments and employees within departments.

**REQUEST FOR PRODUCTION NO. 75:**

To the extent that Ricoh intends to prove a lost profits theory of recovery, produce all supporting documents with respect to each claim of the Patent that Ricoh contends is infringed by Defendants' products, systems, or processes, including but not limited to all documents concerning the amount of damages that Ricoh contends it should be awarded if Defendants are found liable for infringement, the methodology used to reach that conclusion, and the facts on which it is based.

**REQUEST FOR PRODUCTION NO. 76:**

To the extent that Ricoh intends to prove a reasonable royalty theory of recovery, produce all supporting documents with respect to each claim of the Patent that Ricoh contends is infringed by Defendants' products, systems, or processes, including but not limited to all documents concerning the amount of damages that Ricoh contends it should be awarded if Defendants are found liable for infringement, the methodology used to reach that conclusion, and the facts on which it is based including but not limited to all documents pertaining to any of the fifteen factors given for determining a reasonable royalty in *Georgia-Pacific Corp. v. United States Plywood Corp.*, 318 F. Supp. 1116, 1120 (S.D.N.Y. 1970) *modified and aff'd*, 446 F.2d 295 (2d Cir. 1971).

**REQUEST FOR PRODUCTION NO. 77:**

All documents related to Ricoh's first awareness of products that Ricoh contends satisfy the limitations of the Patent.

**REQUEST FOR PRODUCTION NO. 78:**

All documents relating or referring to Ricoh's cost accounting procedures before and since the period of alleged infringement, including but not limited to financial manuals, charts of accounts, profit centers, cost allocation, and inventory valuation.

**REQUEST FOR PRODUCTION NO. 79:**

All documents relating or referring to Ricoh's first knowledge and continuing knowledge and/or investigations of any alleged infringement of the Patent by Defendants.

Dated: March 2, 2006

HOWREY LLP

By: 

Denise M. De Mory

Attorneys for Defendants  
AEROFLEX INCORPORATED,  
AMI SEMICONDUCTOR, INC.,  
MATROX ELECTRONIC SYSTEMS,  
LTD., MATROX GRAPHICS INC.,  
MATROX INTERNATIONAL CORP.,  
MATROX TECH, INC., and AEROFLEX  
COLORADO SPRINGS, INC.

HOWREY LLP

**PROOF OF SERVICE**

I am employed in the County of San Francisco, State of California. I am over the age of 18 and not a party to the within action. My business address is 525 Market Street, Suite 3600, San Francisco, California 94105.

On March 2, 2006 I served on the interested parties in said action the within:

**DEFENDANTS'/COUNTERCLAIMANTS' THIRD SET OF REQUESTS FOR PRODUCTION OF DOCUMENTS TO PLAINTIFF RICOH COMPANY LTD.**

by causing said document to be sent by Electronic Mail on March 2, 2006 to the email addresses indicated for the parties listed below and by placing a true copy thereof in a sealed envelope(s) addressed as stated below and causing such envelope(s) to be delivered as follows:

Gary M. Hoffman, Esq.  
HoffmanG@dsmo.com  
 Dickstein Shapiro Morin & Oshinsky, LLP  
 2101 L Street, N.W.  
 Washington, DC 20037-1526

Jeffrey Demain, Esq.  
jdemain@altshulerberzon.com  
 Altshuler, Berzon, Nussbaum, Rubin & Demain  
 177 Post Street, Suite 300  
 San Francisco, CA 94108

Facsimile No.: (202) 887-0689

Facsimile No.: (415) 362-8064

Edward A. Meilman, Esq.  
MeilmanE@dsmo.com  
 Dickstein Shapiro Morin & Oshinsky, LLP  
 1177 Avenue of the Americas  
 New York, NY 10036-2714

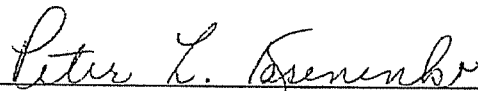
Facsimile No.: (212) 896-5471

☒ (OVERNIGHT DELIVERY) on March 2, 2006 by depositing in a box or other facility regularly maintained by Federal Express, an express service carrier, or delivering to a courier or driver authorized by said express service carrier to receive documents, a true copy of the foregoing document in sealed envelopes or packages designated by the express service carrier, addressed as stated above, with fees for overnight delivery paid or provided for and causing such envelope(s) to be delivered by said express service carrier on.

I declare under penalty of perjury that I am employed in the office of a member of the bar of this Court at whose direction the service was made and that the foregoing is true and correct.

Executed on March 2, 2006, at San Francisco, California.

Peter L. Kasenenko  
 (Type or print name)

  
 (Signature)

# EXHIBIT 13





525 Market Street  
Suite 3600  
San Francisco, CA 94105-2708  
www.howrey.com

---

**Brian A. E. Smith**  
Partner

T 415.848.4936

F 415.848.4999

smithbrian@howrey.com

File 06816.0060

April 20, 2006

VIA EMAIL

Kenneth W. Brothers, Esq.  
Dickstein Shapiro Morin & Oshinsky LLP  
2101 L Street, N.W.  
Washington, D.C. 20037-1526

Re: *Synopsys v. Ricoh Company, Ltd.*,  
Case No. C03-2289 MJJ (EMC)  
*Ricoh Company, Ltd. v. Aeroflex, Inc., et al.*,  
Case No. C03-4669 MJJ (EMC)

---

Dear Mr. Brothers:

This letter concerns Ricoh's recently served Objections and Responses To Defendants' Third Set Of Requests For The Production Of Documents (47-79) and Ricoh's Response To Defendant Matrox Graphic's Second Set Of Interrogatories (Nos. 3 and 4). Ricoh's objections are not well taken. Moreover, Ricoh's responses are woefully insufficient and Ricoh has failed to produce any responsive documents in response to most of the requests or provide substantive responses to the interrogatories. Specifically:

**Ricoh's Objections and Responses to Defendants' Third Set of Requests For The Production of Documents (47-79):**

Request No. 47 seeks all documents related to authorizing the use of the '432 patent. Ricoh's response that it "has produced or will produce any final license agreement of the '432 patent or any final agreement transferring rights of the '432 patent". First, please either confirm that all license agreements and final agreements have been produced. Second, Ricoh states that it "has produced or will also produce any initial offers or requests to license the '432 patent." Defendants are entitled to all responsive documents including drafts and correspondence not just "initial offers or requests." Please produce all responsive documents immediately.

Request No. 48 seeks documents related to royalties as a result of any transfer, licensing or litigating related to the '432 patent. Ricoh responds that it will produce documents "if any, evidencing royalty payments relating to the '432 patent." Please either confirm that there are no responsive documents or produce all responsive documents immediately.

Requests Nos. 49 and 50 seek documents or licenses showing royalties paid by Ricoh to others that relate to the process for designing an ASIC, the process for creating a mask, or the



Kenneth W. Brothers  
 April 20, 2006  
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process for creating an ASIC. Ricoh objects that the requests are “vague and ambiguous” and “not reasonably calculated to lead to the discovery of admissible evidence.” Both requests are clear and directly relevant to the factors for determining a reasonable royalty in *Georgia-Pacific Corp. v. United States Plywood Corp.*, 318 F.Supp. 116, 1120 (S.D.N.Y. 1970) *modified and aff’d*, 446 F.2d 295 (2d Cir. 1971). Please produce all responsive documents immediately.

Request No. 51 seeks all documents related to Ricoh’s licensing policies or practices. Ricoh responds that it will “produce summary and representative documents related to Ricoh’s licensing policies as it relates to Ricoh’s Electronic Design Automation software.” It is obviously impossible for defendants to know what this means or what “summary and representative documents” are. Defendants are entitled to *all* responsive documents to this request. Please produce all responsive documents immediately.

Request No. 53 seeks all documents related to any refusal or other decision not to take a license for the ‘432 patent. Again, Ricoh responds that it will “produce summary and representative documents, if any”. Defendants are entitled to *all* responsive documents to this request, not just “summary and representative” documents. Please produce all responsive documents immediately.

Request No. 54 seeks all documents related to any value of the ‘432 patent. Ricoh responds that it “has produced or will produce summary and representative documents for the valuation of the ‘432 patent.” Defendants are entitled *all* responsive documents not just “summary and representative” documents. Please produce all responsive documents immediately.

Request No. 55 seeks all documents related to prior litigation concerning the ‘432 patent. Ricoh responds that it “has produced or will produce summary and representative documents of any prior litigations involving Ricoh and the ‘432 patent.” Defendants are unaware of any production by Ricoh of any documents responsive to this request. If Ricoh is claiming that responsive documents have been produced, then please identify the documents by Bates number. Otherwise, please produce all responsive documents immediately.

Requests Nos. 56 through 75 seek relevant documents to the extent Ricoh intends to attempt to prove a lost profits theory of recovery of damages at trial. Please confirm whether or not Ricoh intends to put forth a lost profits theory of recovery of damages at trial. If so, defendants are entitled to the production of all responsive documents to Requests Nos. 56-75. With respect to Request No. 66 that seeks all documents related to the commercial relationship between Ricoh and Synopsys, Ricoh objects that Synopsys “should seek the information from within its own company”. Obviously, defendants are entitled to *all* internal Ricoh documents responsive to this request. As to Request No. 73 that seeks all documents related to the market and market share for products embodying the ‘432 patent or embodying non-infringing substitutes for the ‘432 patent, Ricoh responds only that it “has produced or will produce summary and representative documents of the market and market share for Design Compiler.” Please confirm that the Design Compiler is the only product that is responsive to this request. Please also produce all responsive documents immediately.

Kenneth W. Brothers  
April 20, 2006  
Page 3

With respect to Requests Nos. 75 and 76, Ricoh refuses to produce responsive documents related to alleged damages on the grounds that such information is “not yet required to be produced pursuant to Patent Local Rules”. There is no Patent Local Rule related to damages-related discovery or that allows a plaintiff to refuse to produce relevant and responsive documents related to its damages claims. Defendants are entitled to these documents *now*. Please produce all responsive documents immediately.

With respect to Request No. 77 seeking all documents related to Ricoh’s first awareness of products that Ricoh contends satisfy the limitations of the ‘432 patent and Request No. 79 seeking all documents relating to Ricoh’s first knowledge and investigations of any alleged infringement of the ‘432 patent by defendants, Ricoh only states objections without responding that it will produce any responsive documents. Ricoh’s objections that the requests are “vague and ambiguous” and “not reasonably calculated to lead to the discovery of admissible evidence” are meritless. The requests are clearly relevant and perfectly clear. Please produce all responsive documents immediately.

**Ricoh’s Response to Matrox Graphic’s Second Set of Interrogatories (Nos. 3 and 4):**

Ricoh refuses to provide any substantive response to either interrogatory that seeks information regarding Ricoh’s damages contentions. None of Ricoh’s objections are well-taken. Furthermore, Ricoh’s representation that it “will disclose its damage calculations and claims on the date established by the scheduling order for the service of expert reports” is insufficient. Defendants are entitled to know Ricoh’s damages contentions and claims now – not for the first time when Ricoh serves its expert reports – so that defendants can conduct appropriate further discovery. Please provide complete responses to these interrogatories immediately.

Ricoh’s refusal to provide all responsive documents and substantive responses to this discovery is prejudicing defendants’ ability to prepare its case and respond to any damages contentions by Ricoh. Accordingly, defendants reserve the right to seek all available discovery sanctions because of Ricoh’s conduct including preclusion of presenting any damages claims at trial. Pursuant to Magistrate Judge Chen’s March 30, 20096 Order, I am requesting a telephone meet and confer regarding the above discovery responses for either tomorrow Friday, April 21, 2006 or next Monday April 24, 2006 or Tuesday April 25, 2006. Please let me know your availability.

Very truly yours,

*Brian A. E. Smith*

Brian A. E. Smith

BAS:mlm

Kenneth W. Brothers  
April 20, 2006  
Page 4

cc: Gary Hoffman, Esq. (via e-mail only)  
Edward Meilman, Esq. (via e-mail only)  
Eric Oliver, Esq. (via e-mail only)  
DeAnna Allen, Esq. (via e-mail only)  
Michael Weinstein, Esq. (via e-mail only)  
Solomon Seyoum (via e-mail only)

# EXHIBIT 14

D I C K S T E I N S H A P I R O M O R I N & O S H I N S K Y L L P

2101 L Street NW • Washington, DC 20037-1526  
Tel (202) 785-9700 • Fax (202) 887-0689

Writer's Direct Dial: (202) 429-2184  
E-Mail Address: BrothersK@dsmo.com

May 5, 2006

**Via PDF**

Denise De Mory, Esq.  
Howrey LLP  
525 Market Street, Suite 3600  
San Francisco, CA 94105-2708

Re: Ricoh v. Aeroflex, et al.  
Synopsys v. Ricoh

Dear Denise:

I write in response to your letter of May 2, 2006 regarding Ricoh's recent 30(b)(6) depositions and the upcoming continued depositions of Messrs. Takada, Oka, and Ishijima on various Rule 30(b)(6) topics.

Your May 2 letter raises issues with respect to the Takada, Oka, and Ishijima depositions last month in Japan. For ease of reference, I have listed your requests followed by our response.

Regarding Mr. Takada's deposition:

Your point: Mr. Takada's drafts of the January 15, 1987 agreement between Ricoh and ICC (KBSC000001-03). Ricoh's response: Mr. Takada, at pages 52-53, did not indicate that any drafts of the documents were saved. We are unaware of any such drafts in existence.

Your point: Documents from Ricoh's accounting department regarding the approval of any payments by Ricoh to ICC. Ricoh's response: Mr. Takada indicated, at pages 224-225, that the documents, if they existed, were likely discarded as it was past their retention period. We are unaware of any such documents in existence.

Your point: Invoices from Ricoh's sales and marketing department and summary documents showing the payments made by third parties to Ricoh for licenses to Ricoh's RCAD software. Ricoh's response: Mr. Takada did not indicate that invoices did in fact exist. We are unaware of any such documents in existence.

Your point: Mr. Takada's 1990 compilation of information regarding licenses granted on the KBSC software. Ricoh's response: Mr. Takada did not indicate that his compilation was made final, nor that this report was retained. We are unaware of any such documents in existence.

Denise De Mory, Esq.

May 5, 2006

Page 2

Your point: Mr. Takada's memo regarding his meeting in Japan with Mr. Shindo and Mr. Hoffman. Ricoh's response: At the very least, these documents are protected under Attorney-Client and/or Work-Product Privilege. Mr. Takada was requested to make notes during the meeting for purposes of follow up discussions with Mr. Hoffman.

Your point: Drafts of the April 1, 2001 agreement between Ricoh and KBSC (RCL8925-38), including electronic drafts on the hard drive of Mr. Takada's personal computer. Ricoh's response: Mr. Takada did not confirm that any drafts existed on his computer and further that his computer had broken down, so that he could not look on this computer. Mr. Takada further indicated that he did look for hard copies of the drafts and even if any drafts still existed they would be protected by the attorney-client privilege and work product due to the involvement of DSMO.

Your point: Drafts of the patent portfolio cross-licensing agreement between Texas Instruments and Ricoh (RCL9664-96) and correspondence between Texas Instruments and Ricoh regarding the agreement. Ricoh's response: Mr. Takada did not indicate that there were any draft agreements or that these agreements were maintained. As he indicated on page 200, "to the best of my recollection, to the best of my knowledge now, I don't think there's anything other than the original agreements kept in that file." As you may recall, Mr. Takada testified that much of the negotiation was done orally. We are unaware of any such documents in existence.

A reasonable search was already conducted by Ricoh for these documents that you have requested. We will again ask Ricoh to look further for non-privileged, relevant documents that you have identified.

Regarding Mr. Oka's deposition:

Your point: The source code for the ICC software that was delivered to Ricoh around August 1987. Ricoh's response: It is our understanding that Ricoh no longer has this source code, and leaving aside our continued objection to any relevance of the source code, we will again request that Ricoh check for the code.

Your point: Communications between Ricoh and ICC regarding changes made by Ricoh to the software delivered by ICC around August 1987. Ricoh's response: It is our understanding that to the extent that any written communications around 1987 between Ricoh and ICC regarding changes to the software delivered by ICC around August 1987, were not retained. But we will request that Ricoh check its files.

Your point: Papers, articles, and other publications reviewed by Mr. Oka in investigating logic synthesis and algorithms that optimize logic for Ricoh prior to the December 1986 meeting between Ricoh and ICC. Ricoh's response: Mr. Oka testified that he had started an investigation, but did not recall providing that information to anyone.

Denise De Mory, Esq.  
May 5, 2006  
Page 3

Your point: Reports submitted by Mr. Oka on his investigation of logic synthesis and algorithms that optimize logic for Ricoh. Mr. Oka did not testify that he did submit a report. Ricoh's response: To the contrary, Mr. Oka testified, at page 198, that he believed that "[he] had not reached the level at which a report should be made yet."

Your point: Notes taken by Mr. Oka of the December 1986 meeting between Ricoh and ICC and summaries drafted of the meeting. Ricoh's response: It is our understanding that Mr. Oka did not take notes during this meeting. We will, however again request that Ricoh check its files.

Your point: Mr. Oka admitted that he never attempted to locate any documents relating to his involvement with ICC or the KBSC software. Ricoh's response: Mr. Oka left his Japanese office of Ricoh to move to a Chinese office of Ricoh and he did not take any files with him regarding KBSC/ICC. Any files he would have had regarding this issue would have been placed in Ricoh's files. A search of those files have not revealed any additional relevant documents.

Regarding Mr. Ishijima's deposition:

Many of your areas of inquiry delved into communications protected by attorney-client and/or work product privilege. Additionally, the scope of Mr. Ishijima's testimony was limited by objections served over two years ago. As such, the witness had no obligation to prepare for topics outside the scope of his deposition, for example, events that occurred after January 13, 1988. You are now unilaterally suggesting that he should have been prepared on issues that there has been no agreement on the scope. As such, we will not agree to make any representation as to Mr. Ishijima's preparedness to areas that have been outside the scope for many years and to areas that are protected by attorney-client or work product privilege. Contrary to your suggestion, Mr. Hoffman did not limit the witness' testimony regarding issues outside of the scope, and as to issues regarding privileged information, Mr. Hoffman only provided advice to the witness. Although Mr. Ishijima was designated on only a few limited topics, you chose to question him on areas beyond the scope of his designation. Although there recently had been several meet and confers between Mr. Andelman and Mr. Meilman regarding this deposition, no agreement had been reached other than the parties agreeing to proceed and Ricoh preserving its right to object.

Given the current record and the fact that Mr. Ishijima has already been deposed twice on his limited topics, our agreement to produce him for a third time reflect Ricoh's commitment to resolve these matters amicably. We trust that you will proceed in the same spirit.

Sincerely,



Kenneth W. Brothers

cc: Howrey distribution list

# EXHIBIT 15



10 of 10 DOCUMENTS

Copyright 1986 Jiji Press Ltd.

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JULY 21, 1986, MONDAY

**LENGTH:** 142 words

**HEADLINE:** PARADYNE JAPAN TO SET UP JOINT VENTURE WITH U.S. FIRM

**DATELINE:** TOKYO, JULY 21

**BODY:**

PARADYNE JAPAN CORP. WILL SET UP A JOINT COMPANY WITH INTERNATIONAL CHIP CORP. OF THE UNITED STATES THIS AUTUMN TO LAUNCH A COMPUTER-AIDED DESIGN (CAD) SYSTEM FOR CUSTOM INTEGRATED CIRCUITS (ICS).

THE TOKYO-BASED MODULATOR-DEMODULATOR (MODEM) MAKER SAID MONDAY THE NEW COMPANY, ICC JAPAN CORP., WILL MARKET THE KNOWLEDGE-BASED SILICON COMPILER (KBSC), AN EXPERT SYSTEM USING ARTIFICIAL INTELLIGENCE DEVELOPED BY INTERNATIONAL CHIP, WHICH CAN DESIGN A CUSTOM IC IN LESS THAN A DAY, COMPARED WITH SIX TO 12 MONTHS FOR OTHER SYSTEMS.

THE 30-MILLION-YEN (190,500 DOLLARS) SOFTWARE RUNS ON "MICRO VAX II" AND "SUN-2/3" 32-BIT WORKSTATIONS.

INITIAL-YEAR SALES ARE TARGETED AT 500 MILLION YEN (3.18 MILLION DOLLARS BOND ISSUE:

- MITSUBISHI PLASTIC INDUSTRIES.....BONDS MATURITY DATE: JULY 29, 1994 COUPON RATE: 2.9 PCT EXERCISE PRICE: 600 YEN

# EXHIBIT 16

**Fabian, Jessika**

---

**From:** DeMory, Denise  
**Sent:** Tuesday, May 30, 2006 10:04 PM  
**To:** Fabian, Jessika  
**Subject:** FW: Rescheduling Foo

**Exhibit 16**

---

**From:** Brothers, Kenneth [mailto:BrothersK@dsmo.com]  
**Sent:** Monday, May 22, 2006 5:01 PM  
**To:** DeMory, Denise; Andelman, Ethan  
**Cc:** Fink, Jacky  
**Subject:** RE: Rescheduling Foo

Denise:

We regret the content and tone of your response. We do not agree with many of your assertions. We will proceed with the Foo deposition on May 31, Ozeki on June 3, and object to all of the depositions identified in categories 4 and 5 of your email.

Ken Brothers

Dickstein Shapiro Morin & Oshinsky LLP

---

**From:** DeMory, Denise [mailto:demoryd@Howrey.com]  
**Sent:** Monday, May 22, 2006 5:23 PM  
**To:** Brothers, Kenneth; Andelman, Ethan  
**Cc:** Fink, Jacky  
**Subject:** RE: Rescheduling Foo

Dear Ken:

Judge Chen has not extended Ricoh's deadline to June 9, and thus your entire e-mail is based on a false premise. The June 9 deadline applies only to depositions on the newly identified products. In addition, there was no finding of misconduct, as you well know. Frankly, based on your response here, we have likely already been too accomodating on your new May 4, 2006 notices after the cut-off. Based on the way in which you are responding here, I should have either forced you to take the depositions of our deponents twice, once before the cut-off, and once after, or refused testimony on topics that were arguably not timely served.

In addition, because you have asserted so many times that we have so many lawyers and that the unavailability of one or two or more of our attorneys is therefore not compelling to Ricoh, our clients, understandably, are likewise not impressed by Eric's unavailability. Indeed, the position that you took with regard to the sanctions hearing alone renders your assertion of Eric's scheduling conflicts quite ironic and difficult for our clients to swallow. Surely you must have anticipated that the decisions and statements that you made then would affect your requests later in the case.

All that said, I am not quite sure why you are taking the position you are taking, and am hopeful that we can reach a compromise. As I see it, here are the outstanding scheduling issues:

1. The Foo deposition: you need to take Foo after the May 30 deadline because of Eric's inability to take two depositions on the same day, and the conflict created by his daughter's field trip.

5/30/2006

2. The Ozeki deposition: we proposed a date that also conflicts with Eric's field trip and/or the availability of any other lawyer on your team, but which is within the discovery period. You have refused that date. Are you agreeable to June 3 or 10? If not, we will proceed as scheduled on May 27.
3. The Kobayashi deposition: we have agreed that this can be resolved after May 30 via meet and confer and/or a motion filed on or before June 7.
4. The Motorola and TI depositions: We are working with these third parties to schedule these depositions. We are trying to get them on calendar for later this week or next Tuesday, but if that does not occur, will you agree that these can occur after May 30? The need to take these depositions did not arise until after the Takada deposition occurred. And, as you know, it is sometimes difficult to force third parties to act on a schedule that was not of their making. Thus, we think accommodation in this regard is quite reasonable.
5. The Paradyne, Zhong, and SRC and Exar depositions. We learned immediately before the Kobayashi deposition about the relationship between Paradyne and ICC and the offer for sale of KBSC. We immediately issued subpoenas to Paradyne and Zhong and feel confident that Judge Chen will let us pursue these depositions after the discovery cut-off should you force us to go to the Court. In addition, based on this new information, we subpoenaed the two US companies that ICC approached during the same period it approached Paradyne, and are also confident, based on this recently discovered information, that we can obtain leave to pursue this highly relevant information should you force us to do so.

Considering the amount massive amount of discovery that has occurred in this case, mostly taken by Ricoh, I think the Court will be interested in us reaching a compromise on what frankly appears to be a relatively small number of scheduling difficulties given the size of the case. If we can reach an agreement regarding these issues, then we will agree that the Foo deposition can occur on June 6. If not, it will proceed on May 31. Please advise me immediately so that we can promptly go to the Court regarding these issues, if necessary.

Regards,

Denise

---

**From:** Brothers, Kenneth [mailto:BrothersK@dsmo.com]  
**Sent:** Monday, May 22, 2006 11:19 AM  
**To:** Andelman, Ethan  
**Cc:** DeMory, Denise; Fink, Jacky  
**Subject:** RE: Rescheduling Foo

Ethan:

Synopsys and the Aeroflex defendants have a discovery deadline of May 30. Due to the Aeroflex defendants' misconduct during discovery, Judge Chen has extended Ricoh's deadline to June 9. As I told Denise last week (as well as last month), while Ricoh is willing to consider a deposition by deposition extension of the discovery deadlines due to the unavailability of the witnesses, Ricoh is not willing to grant a wholesale extension of the deadlines. Your suggestion that Ricoh ignore the deadline "for any of the pending depositions noticed by Synopsys and the Customer Defendants" -- a large number of depositions -- would be the exception that swallows the rule, and we decline to do so.

With respect to the Foo deposition, Denise and I agreed to move it from May 25 because that was the only day that Mr. Walker (a Synopsys employee) could do the deposition prior to his extended vacation. Eric Oliver, who has prepared to take the Foo deposition, had committed to take accompany his daughter on a two-day field trip on May 30 and 31. We are prepared to proceed with the Foo deposition on June 6, but we will not do so in exchange for your demand that we ignore the discovery deadlines for a large number of depositions that you have noticed. If you insist that the Foo deposition go forward on May 30 or 31, please immediately advise us, and Eric will change his plans. Otherwise, please confirm the June 6 date.

Regards,

Ken Brothers

5/30/2006

Dickstein Shapiro Morin & Oshinsky LLP

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**From:** Andelman, Ethan [mailto:AndelmanE@Howrey.com]

**Sent:** Friday, May 19, 2006 7:31 PM

**To:** Brothers, Kenneth

**Cc:** DeMory, Denise; Fink, Jacky

**Subject:** RE: Rescheduling Foo

Ken --

As you noted in an e-mail earlier today, the discovery cutoff in this case (other than the depositions required by the May 8 stipulation) is May 30. We have offered Dr. Foo on May 31 -- outside of the discovery period -- because of Ricoh's desire to have Eric take both Dr. Foo's deposition and Mr. Walker's deposition. Now you want to reschedule Dr. Foo even further outside the discovery period because Eric has something else he must do on May 30 and 31. We are willing to do so, but expect the same courtesy from you should the need arise to reschedule any of the pending depositions noticed by Synopsys and the Customer Defendants. Ricoh has many attorneys working on this case, as do we. Despite what you say, Ricoh **can** cover this deposition on May 31; it just chooses not to arrange its resources so it may do so.

I am checking with Dr. Foo for his availability the week of June 5th, which, as you know, is horribly busy as it stands. We can arrange to cover Dr. Foo in Tallahassee on June 6th -- will that date work with you if he is available? If that date doesn't work for you, just as May 25th and May 31st don't work, what dates between now and June 8 will work for Ricoh for Dr. Foo's deposition?

--Ethan

---

**From:** Brothers, Kenneth [mailto:BrothersK@dsmo.com]

**Sent:** Friday, May 19, 2006 3:47 PM

**To:** Andelman, Ethan

**Cc:** DeMory, Denise; Fink, Jacky

**Subject:** RE: Rescheduling Foo

Ethan:

Unfortunately, Eric has a conflict on 5/30 and 5/31, so we can't do it then. What is Dr. Foo's availability the following week?

I'll pass along the other info when I have it.

Ken Brothers

Dickstein Shapiro Morin & Oshinsky LLP

---

**From:** Andelman, Ethan [mailto:AndelmanE@Howrey.com]

**Sent:** Friday, May 19, 2006 6:39 PM

**To:** Brothers, Kenneth

**Cc:** DeMory, Denise; Fink, Jacky

**Subject:** RE: Rescheduling Foo

5/30/2006

Dr. Foo is not available on 6/1 or 6/2.

9:30 for Kowalski is fine. Let me know what room the deposition will be in when you find out.

---

**From:** Brothers, Kenneth [mailto:BrothersK@dsmo.com]

**Sent:** Friday, May 19, 2006 3:35 PM

**To:** Andelman, Ethan

**Cc:** DeMory, Denise; Fink, Jacky

**Subject:** RE: Rescheduling Foo

Ethan, let's start Kowalski at 9:30 just to be safe.

On Foo, let's shoot for 6/2 if we can.

Ken Brothers

Dickstein Shapiro Morin & Oshinsky LLP

---

**From:** Andelman, Ethan [mailto:AndelmanE@Howrey.com]

**Sent:** Friday, May 19, 2006 6:21 PM

**To:** Brothers, Kenneth

**Cc:** DeMory, Denise; Fink, Jacky

**Subject:** Rescheduling Foo

Ken --

Does Wednesday, May 31 in Tallahassee work for you for the Foo deposition?

Also, on Kowalski, I would like to catch a 6:30 pm flight back to the West Coast on Tuesday evening. Do you think you need to start earlier than 10 to make sure we are done by 5:15 or so?

--Ethan

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5/30/2006

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# EXHIBIT 17

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May 17, 2006

Direct Dial 415.848.4916

File 06816.0060.000000

George Lampl, III, Esq.  
Associate General Counsel  
University of South Carolina  
Columbia, SC 29208**Re: Synopsys v. Ricoh Company, Ltd., Case No. C03-2289 MJJ (EMC)**

Dear Mr. Lampl:

I am writing to provide further guidance with regard to the subpoena we have recently served upon the University of South Carolina. We are most interested in:

1. Any policies or procedures relating to ownership and transfer of intellectual property rights for inventions, research, or computer software developed by University of South Carolina faculty members, graduate students, undergraduate students, employees, or consultants that would have been in effect for the 1985-1986 and 1986-1987 academic years.

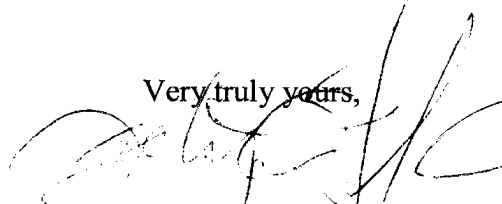
2. Documents related to the classes taken, research performed, and computer software developed by the individuals in the "KBSC group at the University of South Carolina," which includes: Hideaki Kobayashi, James Davis, Yoshiyasu Takefuji, Stuart Anderson, Tooru Ozeki, Yoon-Pin Simon Foo, Charles Drozd, Terry Smith, Richard Ulmer, Pankaj Kukkal, Meng-Hiot Lim, David Dunn, Thomas Hersch, Frans Brinkman, Ricky Darwin, Robert D. Ferrell, Judy Bygate, and Jaymin Yon, during the 1985-1986 and 1986-1987 academic years.

3. Documents relating to International Chip Corporation's sponsorship of research at the University of South Carolina during the 1985-1986 and 1986-1987 academic years.

4. Publications and internal reports produced by the Center for Machine Intelligence at the University of South Carolina during the 1985-1986 and 1986-1987 academic years.

Your production of such documents would comprise an adequate response to our subpoena. Thank you for your prompt attention to this matter. Please do not hesitate to contact me if you should have any questions.

Very truly yours,



Jaclyn C. Fink

AMSTERDAM BRUSSELS CHICAGO EAST PALO ALTO HOUSTON IRVINE LONDON  
LOS ANGELES NORTHERN VIRGINIA PARIS SAN FRANCISCO WASHINGTON, DC

# EXHIBIT 18



**ABSTRACT**

**A KNOWLEDGE-BASED APPROACH TO VLSI CAD**

This paper presents a knowledge-based system for translating high-level specifications to geometrical VLSI layout. Heuristic rules are integrated into a mechanism for mapping macro operations to functional modules. Rules are stored in a frame-implemented knowledge base.  
(KOBAYASHI)

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## INTRODUCTION

Silicon compilation encourages system designers to incrementally explore various alternate architectures and floorplans. Several approaches have been suggested to translate high-level specifications to geometrical VLSI layout [1-3].

This paper presents a knowledge-based system for translating high-level specifications to VLSI systems based on designer's expert knowledge. Mapping a set of macro operations to functional modules is discussed. A digital filter is used as a translation example.

## KNOWLEDGE-BASED TRANSLATION

Figure 1 shows a architecture for mapping behavioral specifications in antecedent-action form (AAF) to netlists for module linking. AAF is decomposed into two intermediate forms, i.e., antecedents and actions. The module selector accepts design specifications and chooses implementation alternatives using a dependency-directed backtracking algorithm [4]. Finally, the netlist generator outputs necessary netlists for placement and routing.

Domain-specific knowledge is implemented on a framework for VLSI CAD [5]. Under this framework, whenever there is insufficient data, information can be inherited from design classes to instances.

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## ANTECEDENT-ACTION FORM

AAF is an intermediate form between application software programs and geometrical mask languages. AAF specifies state diagrams for VLSI systems. The syntax for AAF is as follows:

```
<program> ::= <declaration> <rule>
<declaration> ::= 'register' <identifier> | 'control' <identifier>
<rule> ::= <present state> <condition> <next state> {<macro>}
```

where <macro> is a user-defined operation. User-defined macros are retrieved from a knowledge base to perform a mapping. A transition from a source node <present state> to a destination node <next state> is specified by input variables <condition>. If <condition> is TRUE a transition is made from <present state> to <next state>, and macro operations are executed.

## MACRO OPERATIONS

A set of relational statements can be expressed as follows:

```
if ALPHA > BETA then ACTION1
if ALPHA < BETA then ACTION2
if ALPHA == BETA then ACTION3
```

where ALPHA, BETA are integers, and ACTIONS are Boolean variables. The relational statements are represented by macros:

```
ifgt(ALPHA, BETA, ACTION1)
iflt(ALPHA, BETA, ACTION2)
ifeq(ALPHA, BETA, ACTION3)
```

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Similarly, macros for common arithmetic operations such as addition and multiplication are defined. Domain-specific knowledge is used for mapping macro operations to functional modules such as comparators, adders, and multipliers. For example, macros for relational operations are stored in a knowledge base as follows:

```
fput(ifgt; is_a "comparator"; operator ">");
fput(iflt; is_a "comparator"; operator "<");
fput(ifeq; is_a "comparator"; operator "=");
```

### TRANSLATION EXAMPLE

A state diagram for a digital nonrecursive filter (DNF) is shown in Figure 2. The DNF is specified by the following AAF:

```

register  A,X,Y,CNTR;
control  START,CMP;

rule1:   state0 START state1 clear(CNTR,Y)
rule2:   state0 ~START state0 clear(CNTR,Y)
rule3:   state1 state2 load(A,X) mul&acc(A,X,Y)
rule4:   state2 ~CMP state1 load(Y) incr(CNTR)
rule5:   state2 CMP state0

```

Figure 3 shows a set of functional modules required to implement the DNF. The CMOS layout of a system controller for DNF is shown in Figure 4.

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[illegible]

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Page 5

# CONCLUSION

A knowledge-based system for translating behavioral specifications to VLSI mask data has been presented. It has been shown that VLSI systems can be automatically synthesized by decomposing behavioral specifications into basic macro operations. The program is coded in C and runs on a VAX-11/780 computer and Sun workstations.

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## REFERENCES

1. J.M. Siskind, J.R. Southard, and K.W. Crouch, "Generating Custom High-performance VLSI Designs from Succinct Algorithmic Descriptions," MIT Conf. on Advanced Research in VLSI, Cambridge, MA, 1982.
2. D.J. Salomon, S. Sadler, and M.I. Elmasry, "A VLSI Architecture and a Silicon Compiler for Designing Numerical Processors," VLSI Design, Feb. 1985.
3. P.A. Subrahmanyam, "Synthesizing VLSI Circuits from Behavioral Specifications: a Very High level Silicon Compiler," VLSI 1983, F. Anceau, Ed., North Holland, 1983.
4. Y.P.S. Foo and H. Kobayashi, "A Knowledge-Based System for VLSI Module Selection," IEEE Int. Conf. Computer Design (ICCD), Port Chester, NY, Oct. 1986.
5. Y.P.S. Foo and H. Kobayashi, "A Framework for Managing VLSI CAD Data," 1st Int. Conf. Applications of Artificial Intelligence to Engineering Problems, Southampton, England, Apr. 1986.

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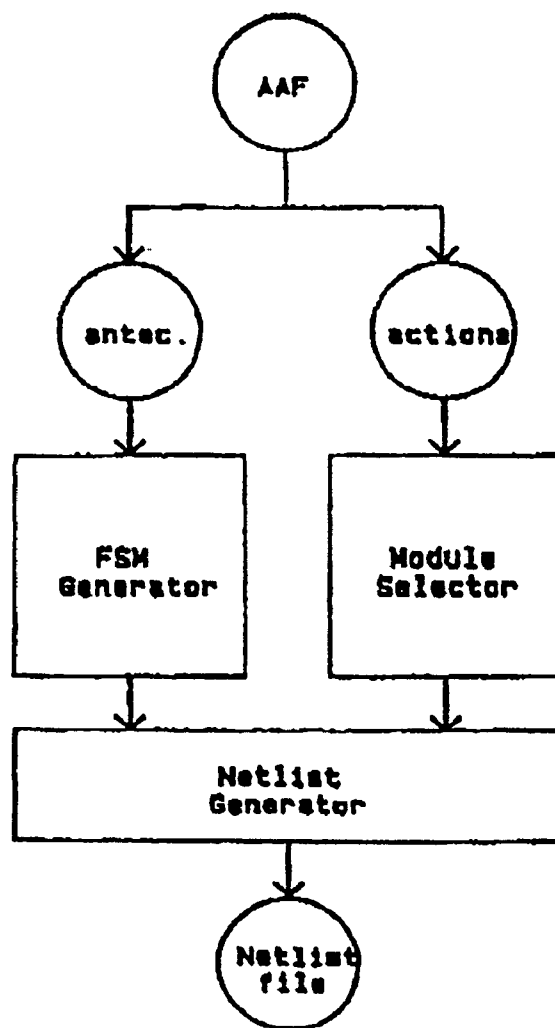


Figure 1. Architecture for translating behavioral specifications.

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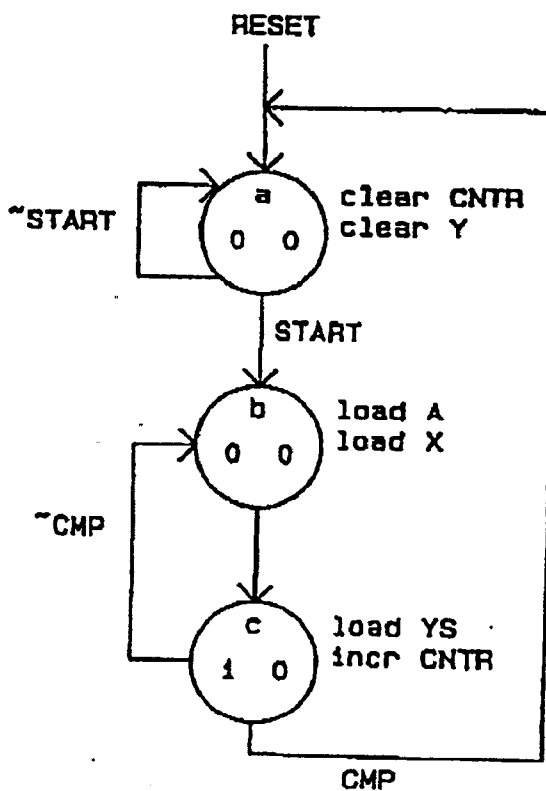


Figure 2. A state diagram for DNF.

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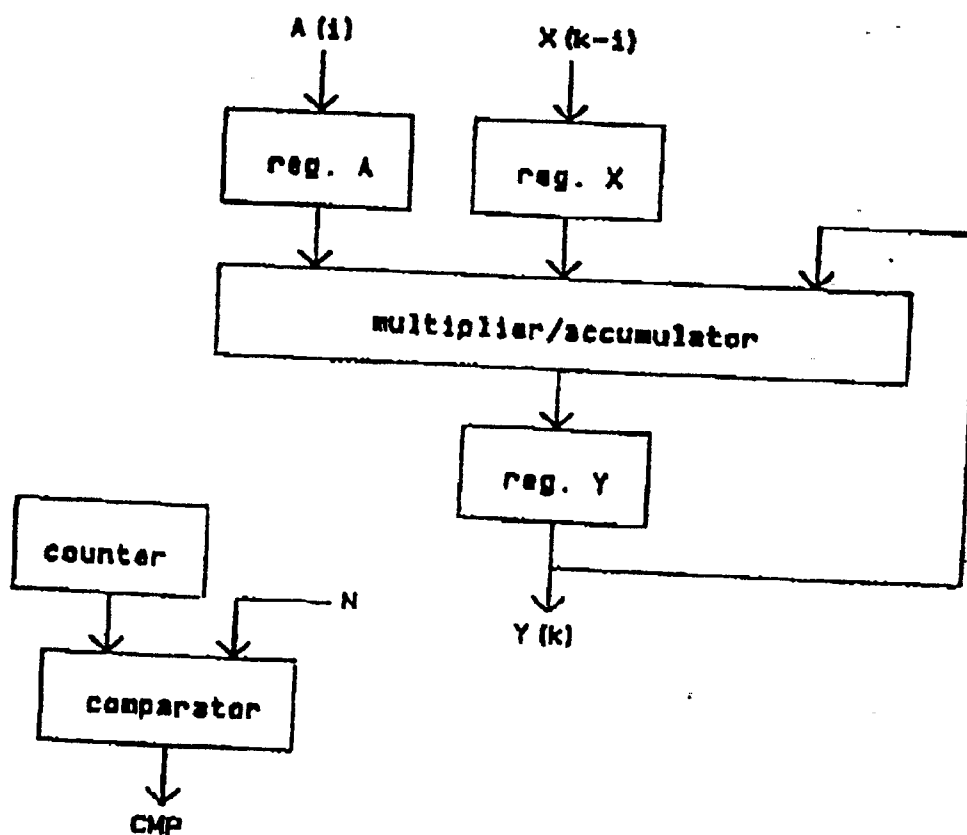


Figure 3. Functional modules to implement DNF.

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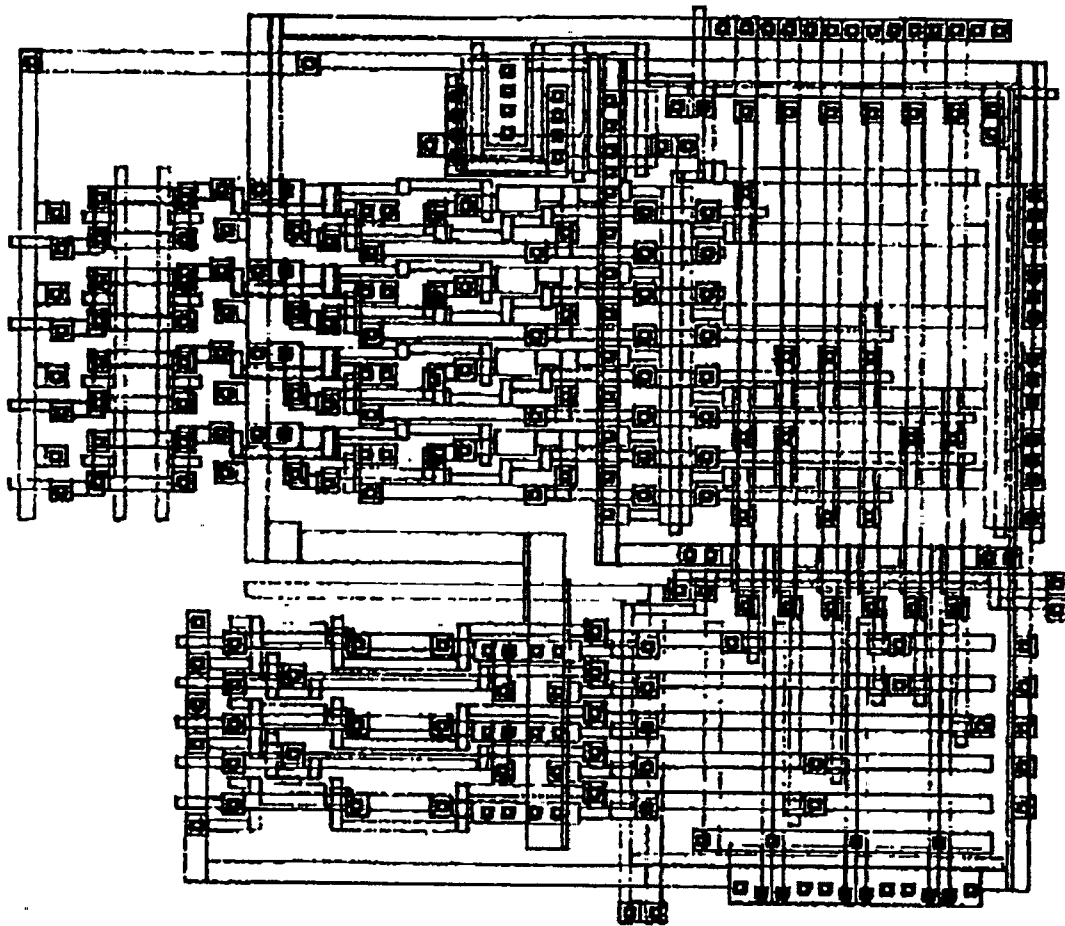


Figure 4. Layout of a system controller for DNF.

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